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		ERAL INFOR				-	A 7711 44 4	11 FAC	750	
GENERAL	(Read the	onsolidated Permits F "General Instructions"	before s	tarting)		RECE		04RB	XV	<u>y</u> _
LABEL ITEMS	-					ASSES O	If a preprinted label ha	s been prov	ided, a	affix form-
I. EPA I.D. NUMBER					-7	MAR 3	it in the designated spanished spanished it and enter the	f it is incorre	ect, cro	SS
III. FACILITY NAME	General Motors	Powertrai	n L	erian	ce Plant	OHIO E	appropriate fill-in below	v. Also, if an	ıy of	
V. FACILITY	26427 State Ro	ute 281 Ea	st	P.O.	Box 70	N.W.I	the preprinted data is a left of the label space	lists the info	matio	n
MAILING ADDRESS	Defiance				OH	43512	that should appear), p proper fill-in area(s) be			
	26427 State Ro	ute 281 Ea	ıst	P.O.	Box 70		complete and correct, Items I, III, V, and VI			
VI. FACILITY	Defiance				OH	43512	must be completed reg items if no label has be	gardless). (Comple	ete all
LOCATION	Defiance					30034 93.0950.00040.00	the instructions for det	ailed item d	escrip-	
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II. POLLUTANT CHARAC	TERISTICS		4		-	We have	1 4 4 4 6 6 FT 1 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			
questions, you must s if the supplemental for	nplete A through J to deter submit this form and the su rm is attached. If you answ nit requirements; see Section	pplemental form rer "no" to each on C of the instru	listed quest uction	d in the p ion, you is. See a	arenthesis foll need not subn	owing the question it any of these for	n. Mark "X" in the box in rms. You may answer "r	the third one if your	colum activit	n
SPEC	FIC QUESTIONS		MARK '	'X' FORM		SPECIFIC Q	UESTIONS		MARK	'X' FORM
8		YES	NO	ATTACHED	D D	146-5-112 /-146	- / // D	YES	NO	ATTACHE
	ly owned treatment works harge towaters of the U.S.?		X		include a c	oncentrated animal	existing or proposed) feeding operation or sility which results in a G.? (FORM 2B)		X	
	urrently results in discharge other than those described in M 2C)	s 🛛			A or B abo	oposed facility (othe ve) which will result in the U.S.? (FORM)			Х	
E. Is this a facility which do wastewater? (FOR	oes not discharge process M 2E)		×			ility which discharges with industrial activit		\boxtimes		
S. This space is reserved	for FORM 2S									
N .										
III. NAME OF FACILITY		W. W. Land		148	43.34				To the	
General Mot	ors Powertrain D	efiance Pi	lant		5					
ACILITY CONTACT	TO COLUMN THE RESIDENCE	TEARING T		SHIP!		1 152 454 1	SECTION DE L'AND	100	18.3	N. W.
<u> </u>	A. NAME & TTILE (last, first,	, Litle)					B. PHONE	(area code & no.)		
Jahi White				Sr	. Environ	nmental Eng	ineer (419)	784-74	103	
V. FACILITY MAILING AL	DDRESS			6 7			DETERMINED IN	- 51-3	100	340
	A. STREET OR P.O. BO	х								
26427 State	Route 281 East	P.O. Box	70							
	B. CITY OR TOWN					C. STATE	D. ZIP CODE			
Defiance	The Letter La					OH	43512			
VI. FACILITY LOCATION	DANGE GODE						PARTY BY			
	STREET, ROUTE NO. OR OTHER SPEC		7.0							
2642/ State	Route 281 East	P.O. BOX	/ U							
Defiance	B. COUNTY NAME									
Derrance	* *************************************				Т	D DTITE	E 200 AAS-	F. COUN	TY CODE	E
Defiance	C. CITY OR TOWN					D. STATE OH	43512	20	ouim)	

Amount # 2000 Date 4 1008

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321 Grey Iron Foundry			Aluminum Cast		iry	
(specify)		+	(specify)	D. FOURTH		
-		-			*	
III. OPERATOR INFORMATION	100 7 10 100 500			E COL		7 32 1
	A. NAME				B. Is the nam	
eneral Motors Coporation;	Thomas Neelands				Item VIII-A owner? Yes	No
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F = FEDERAL M = PUBLIC (other than S = STATE O = OTHER (specify) P = PRIVATE	n federal ar state) P	elfy)			(248) 753-42	296
E, STREET OR P.O. BOX						
000 Centerpoint Parkway						
F. CITY OR TOWN		G. STATE	H, ZIP ÇODE	IX. INDIAN	LAND	-
Pontiac		MI	48341	Is this facili	ty located on Indian lands? No	?
ISTING ENVIRONMENTAL PERMITS			- inde			DE LA
A. NPDES (Discharges to surface water)	D. PSD (Air emissions from p	raposed sources)	Y 200		*	
2IN00004*HD	03-20-01-0001					
B. UIC (Underground injection of fluids)	E OTHER (specify)					
N/A	Land Fill Lice	ense	Solid Waste	Facility	License Clas	s III
C. RCRA (Huzanious ware)	F. OTHER (specify)					
OHD005050273	NIA		(specify)			
CI. MAP						
Attach to this application a topographical m the outline of the facility, the location of each treatment, storage, or disposal facilities, an water bodies in the map area. See instruction	ch of its existing and proposed d each well where it injects flu	Intake and disc	charge structures, each d. Include all springs, i	of its hazard rivers, and oth	ous waste	
II. NATURE OF BUSINESS (provide a brief de	scription)					
duction facility for ma tor automotive and industr	nufacture of alumi ial uses.	num, grey	, malleable,	and nodu	lar iron cast	ings
XIII. CERTIFICATION (see instructions)					THE RESERVE	
			MATTER STATE OF THE STATE OF TH			
I certify under penatly of law that I have per- ettachments and that, based on my inquiry of application, I belive that the information is tr- false information, including the possibility of	of those persons immediately ue, accurate, and complete. I	responsible for	obtaining the Informati	on contained	in the	
NAME & OFFICIAL TITLE (type or print)	B. \$10	SNATURE //	. // //.		C. DATE SIGNED	med
Thomas W Neelands		1/Ax			03/27/2	-000
Global Director	403	JU	Marie 7		00/00/	0000
COMMENTS FOR OFFICIAL USE ONLY			CHE STREET			A TEXAN

V. INTAKE AND EFFLUENT CHARACTERISTICS

FORM U.S. ENVIRONMENTAL PROTECTION AGENCY APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER **EPA** 2C EXISTING MANUFACTURING, COMMERCIAL, MINING, AND SILVICULTURAL OPERATIONS Consolidated Permits Program NPDES I. OUTFALL LOCATION For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water. B. LATITUDE C. LONGITUDE D. RECEIVING WATER NUMBER 3. 9EC DEG Z. MIN Maumee River 001 41 18 84 39 Maumee River DÚ2 3.8 04 10 Maumee River 56 41 35 84 17 Maumee River 005 I). FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent. and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures. B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary. lease view the Swinware file for the regrested information. C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal? No No III. PRODUCTION A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility? (complete Item III-B) O NO (go to Section IV) YES p. Are the Imitations in the applicable effluent guideline expressed in terms of production (or other measure of operation)? (complete Item III-C) (go to Section IV) O YES ON O C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls. IV. IMPROVEMENTS A. Are you now required by any Federal, State, or local authority to meet any Implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions. (go to Item IV-B) O YES (complete the following table) B. OPTIONAL: You may attach additional sheets describing any additional water pollution prevention control programs (or other environmental projects which may affect your discharges) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction. MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED

A, B, & C: See Instructions before proceeding - Complete one set of tables for each outfall -- Annotate the outfall number in the space provided.

Please prir	il or type in th	ne unshaded	areas only.		EPA I.D. NUM	MBER (copy)	rom Itom I of Form	OMB No. 2	oved . 2040-0086. xpires 3-31-98.	Allored
2C NPDES	₽ E	PA		EXISTING	AP MANUFAC	PLICATION I	FOR PERMIT TO	ROTECTION AGENCY DISCHARGE WASTEWATER MINING AND SILVICULTU mils Program	RE OPERATIONS	
	L LOCATION									25.70.54
		-					the name of the	receiving water.		
	LL NUMBER	1, DEG.	B. LATITUDE	3. SEC.	1, DEG.	2. MIN.	S, SEC.	D. RECEIVING	WATER (name)	
		1.000.	E MALE.	U. GLU.	1.000.	4,1-4114	-			
			-							
					-		-			
I. FLOWS	SOURCES	OF POLLUT	ON, AND TR	EATMENT T	ECHNOLOGI	ES ES		to the second se		
labeled freatme source B. For ea and st	i to correspond ent units, and s of water and ch cuttall, pro orm water to	nd to the more l outfalls, if a d any collecti ovide a desc	e detailed des water balance ion or treatme ription of: (1)	e cannot be a cannot be at measures All operation	tem B. Consti determined (d	ruct a water to o.g., for code wastewater	palance on the line in mining eclivities to the effluent, inc	tions contributing wastewater to drawing by showing average to be provide a pictorial description duding process wastewater, so to received by the wastewater.	lows between intakes, or of the nature and amo anitary wastewater, cool	operations ount of any ling water
hecess	sary.	4 0000		harmonina (Mar				3. TREATMEN		-
1, QUT- FALL		2. OPER	RATION(S) CO				-	3. TREATMEN		
NO. (har)	a	OPERATION	N (list)	, b	. AVERAGE I (include uni		1	a. DESCRIPTION	b. LIST COD	
001	Cupola coo.	ing water		Z mgd					16	
	Cupola emia	seione syste	HO		*				10	
	Slurry sys	com .		-			1		1,0	
	Dust collec	tion						-K-110-3600	2A	-
	Core machin	ne cooling					1		30	
	A/C condens	sate					 		ZJ ZJ	
	Rvaporativ	cooler		+-					146	
	Make-up al:	r units	-	-						
	Stormwater			-					43	_
									>ন	
	Core Box C						-			
	Dredging of									
	•		stoam booth							
	Plant 1 co	ra dip								
	Cald box t	nol cleaning	9	V						
	Care conta	inus cloanin	ng			116				
	Floor wanty	Jowns								
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EPA I.D. NUMBER (popy from Item 1 of Form 1) Form Approved. OMB No. 2040-0066. Approval expires 3-31-98. U.S. ENVIRONMENTAL PROTECTION AGENCY

Please print or type in the unshaded areas only. PORM 2C

NPDES

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D	

APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE OPERATIONS Consolidated Permits Program

I. OUTFALL LOCATION							
For each outfall, list the	latifude and	longitude of i	its location to	the nearest 1	5 seconds an	d the name of the π	ecelving water.
A OUTFALL NUMBER		B. LATITUDI	E	(LONGITUD	E	
(Rat)	1. DEG. 2. MIN. 3. SEC.		3, SEC.	1. DEG.	2. MIN.	3. SEC.	D. RECEIVING WATER (name)
			-	-			
			-	-	-		
			1				

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

- A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the offluent, and treatment units labeled to correspond to the more detailed descriptions in item 8. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for cartein mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.
- B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and atorm water renorf; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if

1. OUT-	a. OPERATION (Int) Cupole cooling water Cupole emissions system Slurry system Dust collection Core machine cooling	TRIBUTING FLOW	3. TREATME	NT.	
FALL NO. (ILM)	0.	b. AVERAGE FLOW (include units)	a. DESCRIPTION	b. LIST CODES TABLE 2C-	FROM -1
002	Cupola cooling water	० मञ्जूष		10	
	Cupola emissions system	,		10	
	Slurry system			20	
	Dust collection			NK.	
	Core machine couling			14	
	A/C condensate				
	Evaporative souler				
	Make-up mir units		4.40		
	Stormwater				
	Core Box Cleaning		The second secon		
	Dredging operation				
	Maint. parts cleaning steam booth				
	Plant 1 core dip				
	Cold bus tool cleaning				
	Core container cleaning .				
	Ploor weekdowns		AT WITHOUT THE PARTY OF		
	Dandfill leachate & pumping station				
	Tool Cleaning		****		
					. H. A
					-
			,		

A, For eac drained	d by the dullatt.			7		
Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)	Number	Arca of Impervious Su (provide units)	ırface	Yotal Area Drained (provide units)
01	98 ACTOS	1075 acres	004	1.5 acres on site	1	29 acres on site, several acr off site
103	88 acres	1075 acres	005	0 acres		27 acres
to aton	e a narrative description of significar m water; method of treatment, stor- water runoff; materials loading and d.	age, or disposal; past and on	esent mater	ials management practices employs	ed to minimize contact	by these materials
	*_					
	197					
descr	each outfall, provide the location an ription of the treatment the storm way y solid or fluid wastes other than by	ner receives, including the sc	ructural and hedule and	nonstructural control measures to type of maintenance for control and	reduce pollutants in a treatment measures	torm water runoff; a and the ultimate disp
Outtail	1	Little				List Codes fro
Number			Treatment	etem, dust collection, core s	wchine	Table 2F-1
	cooling w/c condensate a			units, stormwater, core box o		,58,4A,5Q,4C
	operation, maint. parts of cleaning, floor weekdowns	cleaning steam booth,pl s,landfill lenchate & p	renting s	tation, tool cleaming	, core container	
	operation, maint. parts of cleaning, floor washdowns	eleaning steam booth,pl s,lendfill lenchate & p	pumping s	dip, cold box tool cleaning	, core container	
V. Nonsi	operation, maint. parts of	leaning steam booth,p. ,lendfill lenchate & p	pumping s	art, cool cleaning	, core container	
A. I certi	operation, maint. parts of cleaning, floor washdowns	a , lendfill lenchate & p	don have be	en tested or svaluated for the pres	ance of nonstormwate	er discharges, and the
A. I certi	operation, maint. parts of cleaning, floor washdown to cleaning floor washdown to cleaning floor washdown to cleaning floor washdown to clean the cut of t	a , lendfill lenchate & p	don have be	en tested or svaluated for the pres	ance of nonstormwate	
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Continued	-	diam	Eug set

	by the outfall.	~ · · · · · · · · · · · · · · · · · · ·	1		
Number	Arca of Importions Burlace (provide units)	Total Aron Drained (provide units)	Number	Aroa of Impervious Surface (provide units)	Total Area Drained (provide units)
01	88 acres	1075 acres	004	1.5 acres on site	29 acres on site, several acre off site
12	88 acres	1075 acres	0.05	0 acres	27 acres
to stor	m water, method of treatment, store, water runoff, meterials loading and a	ge, or disposal; past and pr	esent mater	t three years have been treated, stored or dispose als management practices employed to minimize and fraquency in which pesticides, herbicides, soi	contact by these materials w
			45.0		
				nonstructural control measures to reduce poliuta type of maintenance for control and treatment me:	
ol an	y solid or fluid wastes other than by d				•
Outfall Number			Treatment		List Codes from Table 2F-1
4	Storm water ditch on west pump first flush of storm			a pump station designed to capture e	
	1				
05	Storm water discharge fro	on landfill runots bar	sin to riv	ver on northeast corner of property	10,4A
05	Storm water discharge fro	on landfill runots ba	sin to riv	Yer on mortheast corner of property	10,42
os /. Nonsi	Storm water discharge fro	on landfill runott ba	sin to riv	ver an mortheast corner of property	10,41
A. I cert	ormwater Discharges	II(a) covered by this applica	ion have be	rer an northeast comer of property en tested or evaluated for the presence of nonsto nying Form 2C or From 2E application for the outs	ornwater discharges, and that
A. I cert	ormwater Discharges	II(a) covered by this applica	ion have be	en tested or evaluated for the presence of nonato	ornwater discharges, and that
A. I cert	iormwater Discharges ify under penalty of law hat the outs tomwater discharged from these outs	il(a) covered by this applica (al(s) are identified in either	ion have be	en tested or evaluated for the presence of nonato	ornwater discharges, and that
A. I cert	iormwater Discharges ify under penalty of law hat the outs tomwater discharged from these outs	il(a) covered by this applica (al(s) are identified in either	ion have be	en tested or evaluated for the presence of nonato	ornwater discharges, and that
A. I cert nons	commuter Discharges fry under penalty of law hat the outfal commuter discharged from these outformater discharged from these outformater discharged from these outformater discharged from these outformater discharged from the outfal of the outfal of the outfal of the outfal of the outfal	Il(a) covered by this applicated to a covered by this applicated to a covered by this application of the covered by this application of the covered by the covered by this application of the covered by the covere	tion have be an accompa	en tested or evaluated for the presence of nonsto nying Form 2C or From 2E application for the outs	ornwater discharges, and that all. Date Signed
A. I cert nons	commuter Discharges fry under penalty of law hat the outfal commuter discharged from these outformater discharged from these outformater discharged from these outformater discharged from these outformater discharged from the outfal of the outfal of the outfal of the outfal of the outfal	Il(a) covered by this applicated to a covered by this applicated to a covered by this application of the covered by this application of the covered by the covered by this application of the covered by the covere	tion have be an accompa	en tested or evaluated for the presence of nonato	ornwater discharges, and that all. Date Signed
A. I cert nons	commuter Discharges fry under penalty of law hat the outfal commuter discharged from these outformater discharged from these outformater discharged from these outformater discharged from these outformater discharged from the outfal of the outfal of the outfal of the outfal of the outfal	Il(a) covered by this applicated to a covered by this applicated to a covered by this application of the covered by this application of the covered by the covered by this application of the covered by the covere	tion have be an accompa	en tested or evaluated for the presence of nonsto nying Form 2C or From 2E application for the outs	ornwater discharges, and that all. Date Signed
A. I cert nons	commuter Discharges fry under penalty of law hat the outfal commuter discharged from these outformater discharged from these outformater discharged from these outformater discharged from these outformater discharged from the outfal of the outfal of the outfal of the outfal of the outfal	Il(a) covered by this applicated to a covered by this applicated to a covered by this application of the covered by this application of the covered by the covered by this application of the covered by the covere	tion have be an accompa	en tested or evaluated for the presence of nonsto nying Form 2C or From 2E application for the outs	ornwater discharges, and that all. Date Signed
A. I cert nons	commuter Discharges fry under penalty of law hat the outfal commuter discharged from these outformater discharged from these outformater discharged from these outformater discharged from these outformater discharged from the outfal of the outfal of the outfal of the outfal of the outfal	Il(a) covered by this applicated to a covered by this applicated to a covered by this application of the covered by this application of the covered by the covered by this application of the covered by the covere	tion have be an accompa	en tested or evaluated for the presence of nonsto nying Form 2C or From 2E application for the outs	ornwater discharges, and that all. Date Signed
A. I cert nons tame and B. Provi	formwater Discharges ify under penalty of law hat the outfal formwater discharged from these out Official Title (type or print) de a description of the method used,	Il(a) covered by this applicated to a covered by this applicated to a covered by this application of the covered by this application of the covered by the covered by this application of the covered by the covere	tion have be an accompa	en tested or evaluated for the presence of nonsto nying Form 2C or From 2E application for the outs	ornwater discharges, and that all. Date Signed
A. I cert nons lame and B. Provide	formwater Discharges ify under penalty of law hat the outle formwater discharged from these outle Official Title (type or print) de a description of the method used, fficant Leaks or Spills	Il(a) covered by this application are identified in either Signature the data of any testing, and like the data of any testing, and like tory of significant leaks of the data of significant leaks of the data of	tion have be an accompa- the onsite dr	en tested or evaluated for the presence of nonstonying Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or f	ornwater discharges, and that all. Date Signed test
A. I cert nons ame and B. Provide	from Leaks or Spills existing information regarding the	Il(a) covered by this application are identified in either Signature the data of any testing, and like the data of any testing, and like tory of significant leaks of the data of significant leaks of the data of	tion have be an accompa- the onsite dr	en tested or evaluated for the presence of nonstonying Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or f	ornwater discharges, and that all. Date Signed
A. I cert nons lame and B. Provide	from Leaks or Spills existing information regarding the	Il(a) covered by this application are identified in either Signature the data of any testing, and like the data of any testing, and like tory of significant leaks of the data of significant leaks of the data of	tion have be an accompa- the onsite dr	en tested or evaluated for the presence of nonstonying Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or f	ornwater discharges, and that all. Date Signed test
A. I cert nons ame and B. Provide	from Leaks or Spills existing information regarding the	Il(a) covered by this application are identified in either Signature the data of any testing, and like the data of any testing, and like tory of significant leaks of the data of significant leaks of the data of	tion have be an accompa- the onsite dr	en tested or evaluated for the presence of nonstonying Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or f	ornwater discharges, and that all. Date Signed test
A. I cert nons lame and B. Provide	from Leaks or Spills existing information regarding the	Il(a) covered by this application are identified in either Signature the data of any testing, and like the data of any testing, and like tory of significant leaks of the data of significant leaks of the data of	tion have be an accompa- the onsite dr	en tested or evaluated for the presence of nonstonying Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or f	ornwater discharges, and that all. Date Signed test
A. I cert nons lame and B. Provide	from Leaks or Spills existing information regarding the	Il(a) covered by this application are identified in either Signature the data of any testing, and like the data of any testing, and like tory of significant leaks of the data of significant leaks of the data of	tion have be an accompa- the onsite dr	en tested or evaluated for the presence of nonstonying Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or f	ornwater discharges, and that all. Date Signed test
A. I cert nons lame and B. Provide	from Leaks or Spills existing information regarding the	Il(a) covered by this application are identified in either Signature the data of any testing, and like the data of any testing, and like tory of significant leaks of the data of significant leaks of the data of	tion have be an accompa- the onsite dr	en tested or evaluated for the presence of nonstonying Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or f	ornwater discharges, and that all. Date Signed test
A. I cert nons lame and B. Provide	from Leaks or Spills existing information regarding the	Il(a) covered by this application are identified in either Signature the data of any testing, and like the data of any testing, and like tory of significant leaks of the data of significant leaks of the data of	tion have be an accompa- the onsite dr	en tested or evaluated for the presence of nonstonying Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or f	ornwater discharges, and that all. Date Signed test
A. I cert nons Name and B. Provide	from Leaks or Spills existing information regarding the	Il(a) covered by this application are identified in either Signature the data of any testing, and like the data of any testing, and like tory of significant leaks of the data of significant leaks of the data of	tion have be an accompa- the onsite dr	en tested or evaluated for the presence of nonstonying Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or f	ornwater discharges, and that all. Date Signed test
A. I cert nons lame and B. Provide	from Leaks or Spills existing information regarding the	Il(a) covered by this application are identified in either Signature the data of any testing, and like the data of any testing, and like tory of significant leaks of the data of significant leaks of the data of	tion have be an accompa- the onsite dr	en tested or evaluated for the presence of nonstonying Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or f	ornwater discharges, and that all. Date Signed test
A. I cert nons lame and B. Provide	from Leaks or Spills existing information regarding the	Il(a) covered by this application are identified in either Signature the data of any testing, and like the data of any testing, and like tory of significant leaks of the data of significant leaks of the data of	tion have be an accompa- the onsite dr	en tested or evaluated for the presence of nonstonying Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or From 2E application for the outstanding Form 2C or f	ornwater discharges, and that all. Date Signed

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NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered V-1 through V-9.

Use the space below to list any of the pollutants listed in Table 2c-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

1. POTENTIAL DISCHAR	GES NO	COVERED BY ANAI	LYSIS			
	n V-C a s	ubstance or a compon	ent of a substance whi	ch you currently us	e or manufacture as an	intermedalte or final product or
rproduct? YE	S (lis	t all such pollutants below)		● NO	(go to Item VI-B)	
II. BIOLOGICAL TOXICI	TY TESTI	NG DATA	ELENG LINE WALL			Access to the Access
o you have any knowledge celving water in relation to	or reaso your disc	n to believe that any b charge within the last 3	iological test for acute 3 years?	or chronic toxicity h	as been made on any	of your discharges or on a
● YE	S (id	entify the test(s) and describ	u their purposes below)	O NO	(go to Section VIII)	
sults of the testin	g indic	ate that the plan laboratory to per	nt effluent is le	ss than 1.0 TU	a and less than 1	d chronic toxicity. The 0 TVc. The plant has used t's NPDES requirements.
/III. CONTRACT ANAYLS	YS INFO	RMATION				
fere any of the analyses n	E\$ (fix		ephone number of, and pollu		(go to Section DC) Ç. TELEPHONE	
st America		4101 Shuffel D	rive NW	l.	(330) 497-9396	⊥
		North Canton	ОН	44720-		
X. CERTIFICATION	100		ASTA IN LE			
certify under penalty of law the assure that qualified personnel hose persons directly respons am aware that there are signi-	properly g ible for gal	ather and evaluate the info paring the information, the	ormetion submitted. Bease information submitted is, t	d on my inquiry of the o the best of my know	person or persons who ma ledge and belief, true, accu	nage the system or trate, and complete.
ME & OFFICIAL TITLE	ype or print)			B. PHONE	NO. (area code di no.)
Thomas k	V. 1	leelandsa.	Global	Director	a48-	153-4296
. SIGNATURE		MAMMA HALL	PORTOR	s ealme	D. DATE SI	GNED 7/2008

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

			2. E	FFLUENT				3. UN	ITS	4.	. INTAKE	
1. POLLUTANT	a. MAXIMUM D	AILY VALUE	b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF	(specify if		a. LONG TERM AVI	ERAGE VALUE	d. NO. OF
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Biochemical Oxygen Demand (BOD	14	127.87					1	mg/l	kg/day			
Chemical Oxygen Demand (COD)	42.2	385.44					1	mg/l	kg/day			
Total Organic Carbon (TOC)	35	319.67					1	mg/l	kg/day			
Total Suspended Solids (TSS)	25	182.79			5.8	33.95	43	mg/l	kg/day	13.33		42
Ammonia (as N)	26	190.37			8.7	51.01	44	mg/l	kg/day	8.5		42
Flow	2.5	1			1.5	5	44	mgd	kg/day	1-15/201		
Temperature (Winter)	6				9.4		14	°C				
Temperature (Summer)	26				23.	3	10	°C				
pH	7.7						44	Standard	Units	1		

PART B - Mark 'X' in column 2-a for each pollutant you know or have reason to believe is present. Mark 'X' in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See instructions for additional details and requirements.

	1				FFLUENT				3. UNI	TS	1	I. INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM D	AILY VALUE	b. MAXIMUM 30 (if availal	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if	**************************************	a. LONG TERM AV	ERAGE VALUE	d, NO. OF
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	?	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Bromide	M	.9	8.22					1	mg/l	kg/day			
Chlorine, Total Residual		.03	.09			.003	.02	44	mg/l	kg/day	.023	· ·	42
Color	\boxtimes	11						1	mg/l	kg/day			
Fecal Coliform	X	. 6	54.8					1	mg/l	kg/day			
Fluoride	\boxtimes	17.9	163.49					1	mg/l	kg/day			
Nitrate-Nitrate (as N)	\boxtimes	.8	7.31	1				1	mg/l	kg/day			
Nitrogen, Total Organic (as N)	\boxtimes	3	27.4					1	mg/l	kg/day			
Oil and Grease	iñ	***							mg/l	kg/day	0		42
Phosphorus (as P), Total	X	.11	1					1	mg/l	kg/day			
Radioactivity:(1) Alpha, Total								-	mg/l	kg/day			
Radioactivity:(2) Beta, Total	ī								mg/l	kg/day			
Radioactivity:(3) Radium, Total	ini								mg/l	kg/day			
Radioactivity:(4) Radium 226, Total	ī								mg/l	kg/day			
Sulfate (as SO4)		181	1653.17					1	mg/l	kg/day			
Sulfide (as S)									mg/l	kg/day			
Sulfite (as SO3)	ī						10000		mg/l	kg/day			
Surfactants	iFi								mg/l	kg/day			1
Aluminum, Total	iFi								mg/l	kg/day			
Barium, Total	H								mg/l	kg/day			1

				2. E	FFLUENT				3. UN	ITS	4	INTAKE	
1. POLLUTANT	PRE- SENT	a. MAXIMUM D	AILY VALUE	b. MAXIMUM 30 (if availat	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AV	ERAGE VALUE	d. NO. OF
	7	(1) CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Boron, Total		.436	3.98					1	mg/l	kg/day			
Cobalt, Total	$\neg \neg$				*		- Company		mg/l	kg/day			
Iron, Total		.349	3.19					1	mg/1	kg/day			
Magnesium, Total		13.5	123.3					1	mg/1	kg/day			
Molybdenum, Total		74.2	.60			49.34	.29	5	ug/l	kg/day	66.03		4
Manganese, Total	$\neg \bar{\boxtimes}$.78	7.12					1	mg/l	kg/day		4	
Tin, Total	一百					1			mg/l	kg/day	1		
Titanium, Total	$\neg \vdash$								mg/l	kg/day			

PART C - If you are primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark 'X' in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and non required GC/MS fractions), mark 'X' in column 2-b for each pollutant you know or have reason to believe is present. Mark 'X' in column 2-c for each pollutant you believe is absent. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for acrolein, acrylonitrile, 2, 4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table for each outfall. See instructions for additional details and requirements.

	,				EFFLUENT	and the same of th			3. UN	100 (100)	4	INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM DA	AILY VALUE	b. MAXIMUM 30 (if availa	DAY VALUE	c. LONG TERM A	AVRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AVI	RAGE VALUE	d. NO. OF
1.100001741		(1) CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Metals, Cyanids, and Total Phe	nols							THE RESERVE OF THE PERSON OF T			-1		
Antimony, Total							1011		ug/l	kg/day	2.5		4
Arsenic, Total									mg/l	kg/day		0	
Beryllium, Total						-			mg/l	kg/day			
Cadmium, Total	ī								ug/l	kg/day	0		4
Chromium, Total									mg/l	kg/day			
Copper, Total	ini								ug/l	kg/day	2.27		42
Lead, Total	X	17.1	.12			3.58	.02	44	ug/l	kg/day	12.25		42
Mercury, Total	X	.71	5.63			.26	1.51	5	mg/l	kg/day			
Nickel, Total		,							mg/l	kg/day			_
Selenium, Total	ifi								mg/l	kg/day			1
Silver, Total	ÍΠ								mg/l	kg/day			1
Thallium, Total	ī			1					mg/l	kg/day			1
Zinc, Total	\boxtimes	156	1.21			56.11	.33	44	ug/l	kg/day	162.6		42
Cyanide, Total	X	.02	.12			.003	.02	5	mg/l	kg/day	.003		4
Phenois, Total		170	1.55			17.61	.10	44	ug/l	kg/day	17.67		42
Dioxin								1					
2,3,7,8-Tetrachlorodibenzo-P-Dioxin				T					mg/l	kg/day			1
GC/MS Fraction - Volatile Comp	ooun	ds		J-		L	25 44						
Acrolein									mg/l	kg/day	1		
Acrylonitrile	iFi		***				-	-	mg/l	kg/day			
Benzene	H			+					mg/l	kg/day			

	2.		11 373 761 1 100	2. E	FFLUENT	- LONG TERM	AVDC VALUE		3. UN (specify i		4	. INTAKE	
1. POLLUTANT	PRE- SENT	a. MAXIMUM DA	AILY VALUE	b. MAXIMUM 30 (if availab	DAY VALUE	c. LONG TERM (if avail		d. NO. OF			a, LONG TERM AV		d. NO. OF
	7	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALTSE
GC/MS Fraction - Volatile C	ompound	ds											,
Bis (Chloromethyl) Ether									mg/l	kg/day			3
Bromoform									mg/l	kg/day			
Carbon Tetrachloride									mg/l	kg/day			
Chlorobenzene									mg/l	kg/day			
Chlorodibromomethane						6			mg/l	kg/day			
Chloroethane									mg/1	kg/day			
2-Chloroethylvinyl Ether									mg/1	kg/day			
Chloroform									mg/l	kg/day	X		
Dichlorobromomethane									mg/l	kg/day			
Dichlorodiflouromethane	Th								mg/l	kg/day			
1,1-Dichloroethane	Th								mg/l	kg/day			
,2-Dichloroethane	=====================================								mg/l	kg/day			
,1-Dichloroethylene	러큐								mg/l	kg/day			
,2-Dichloropropane	거리								mg/l	kg/day			
,3-Dichloropropylene	러님					-			mg/l	kg/day			
thylbenzene	커늄:								mg/l	kg/day			
Methyl Bromide	러님								mg/l	kg/day			
Methyl Chloride	거님								mg/l	kg/day			
Methylene Chloride	커티					T 1			mg/l	kg/day			
,1,2,2-Tetrachloroethane	거님								mg/1	kg/day			
etrachloroethylene	러님								mg/l	kg/day			
oluene	러남								mg/l	kg/day			
,2-Transdichloroethylene	거남						*		mg/l	kg/day			
,1,1-Trichloroethane									mg/l	kg/day			1
1,1,2-Trichloroethane	러님			 					mg/l	kg/day			
richloroethylene	ㅡ님			1					mg/1	kg/day			1
richlorofluoromethane	러남			1				+	mg/l	kg/day			
/inyl Chloride	ㅡㅁ			 		1			mg/l	kg/day			
GC/MS Fraction - Acid Com	pounds												-
2-Chlorophenol									mg/l	kg/day			
,4-Dichlorophenol									mg/l	kg/day			
2,4-Dimethyphenol	러남								mg/l	kg/day			
1,6-Dinitro-O-Cresol	커뮤								mg/l	kg/day			
2,4-Dinitrophenol	러남	-							mg/l	kg/day			
2-Nitrophenol	᠆ -					-			mg/l	kg/day			1
I-Nitrophenol	᠆┤┼								mg/l	kg/day			†
P-Chloro-M-Cresol				+				-	mg/l	kg/day			
Pentachlorophenol				-	-	-		<u> </u>	mg/l	kg/day			
Phenol									mg/1	kg/day			1
2,4,6-Trichlorophenol					_				mg/l	kg/day	-		+
"- I HOHIOTOPHIOHOI										31	Conoral Mater		

4	2			2.	EFFLUENT				3. UN			4. INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM DA	ILY VALUE	b. MAXIMUM 30 (if availa	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if		a. LONG TERM A	ERAGE VALUE	d. NO. Of
022017417		(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
GC/MS Fraction - Base/Neutral	I Com	pounds											
Acenaphthene									mg/l	kg/day			
Acenaphtylene									mg/l	kg/day			
Anthracene									mg/l	kg/day			
Benzidine									mg/l	kg/day			
Benzo (a) Anthracene									mg/l	kg/day			
Benzo (a) Pyrene									mg/l	kg/day			
Benzofluoranthene									mg/l	kg/day			
Benzo (ghi) Perylene									mg/l	kg/day			
Benzo (k) Fluoranthene	17								mg/l	kg/day			
Bis (2-Chloroethoxy) Methane	171								mg/l	kg/day			
Bis (2-Chloroethyl) Ether	17								mg/l	kg/day			1
Bis (2-Chloroisopropyl) Ether	급								mg/l	kg/day			
Bis (2-Ehtylhexyl) Phthalate	겁금								mg/l	kg/day			
1-Bromophenyl Phenyl	러남								. mg/1	kg/day			+
Butyl Benzyl Phthalate	-					 		1	mg/1	kg/day			
2-Chloronaphthalene	냄			-					mg/l	kg/day			
-Chlorophenyl Phenyl Ether	┨╬			-					mg/l	kg/day	1		1
Chrysene	ᆛᆜᅡ								mg/1	kg/day	-	-	-
Dibenzo (a,h) Anthracene	님								mg/l	kg/day			1
1,2,-Dichlorobenzene									mg/l	kg/day			-
,3-Dicholorobenzene	내내								mg/l	kg/day		-	
,4-Dichlorobenzene	내내								mg/l	kg/day	-		-
3,3-Dichlorobenzidine	내내			-					mg/l	kg/day			-
Diethyl Phthalate	-			-		-			mg/l	kg/day	-		-
Dimethyl Phthalate	님			-	- Ut-	 			mg/l	kg/day			
Di-N-Butyl Phthlate	ᆛᆜ			-		-			mg/1	kg/day	-		-
2,4-Dinitrotoluene	ᆛᆜᅡ								mg/l	kg/day		-	-
	님								mg/1	kg/day		•	-
2,6-Dinitrotoluene	닉니												-
Di-N-Octyl Phthalate									mg/l	kg/day			
,2-Diphenylhydrazine (as Azobenze									mg/1	kg/day			
luoranthene									mg/l	kg/day	1		
luorene									mg/1	kg/day			
lexachlorobenzene									mg/l	kg/day			
Hexachlorobutadiene									mg/l	kg/day			
Hexachlorocyclopentadiene									mg/l	kg/day			
Hexachloroethane									mg/l	kg/day			
ndeno (1,2,3-cd) Pyrene									mg/l	kg/day			
sophorone									mg/l	kg/day			
Napthalene								-	mg/l	kg/day			
Nitrobenzene									mg/l	kg/day			

	1			2.1	EFFLUENT				3. UN			4. INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM DA	AILY VALUE	b. MAXIMUM 30 (if availa	DAY VALUE	c. LONG TERM	AVRG. VALUE	d. NO. OF	(specify i		a. LONG TERM AV	VERAGE VALUE	d. NO. OF
I. FOLLOTANT	?	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
GC/MS Fraction - Base/Neu	ral Con	pounds											
N-Nitrosodimethylamine									mg/l	kg/day			
N-Nitrosodi-N-Propylamine	一百								mg/l	kg/day			
N-Nitrosodiphenylamine									mg/l	kg/day			
Phenanthrene	ΠĒ								mg/l	kg/day			
Pyrene	一百								mg/l	kg/day			
1,2,4-Trichlorobenzene	$\neg \neg$				+				mg/l	kg/day			
GC/MS Fraction - Pesticides											·		
Aldrin				T					mg/l	kg/day			
Alpha-BHC	ᅥᅥ								mg/1	kg/day			
Beta-BHC	$\neg \neg$								mg/l	kg/day			
Gamma-BHC	$\neg \neg$								mg/l	kg/day			1
Delta-BHC	\dashv								mg/l	kg/day			
Chlordane	ᅥᅥ								mg/l	kg/day			
4,4-DDT	$\dashv \exists$								mg/l	kg/day			
1,4-DDE	러님								mg/l	kg/day			
I,4-DDD	ᅥᅥ								mg/l	kg/day			
Dieldrin	러님								mg/l	kg/day			
Alpha-Endosulfan	ᅥᅱ								mg/1	kg/day		-	
Beta-Endosulfan	러								mg/l	kg/day			
Endosulfan Sulfate	ᅥᅥ				-				mg/l	kg/day			
Endrin	러님						7		mg/l	kg/day			
Endrin Aldehyde	ᅴ님								mg/1	kg/day			
Heptachlor	ᅥᅥ								mg/l	kg/day			
Heptachlor Epoxide	ᅥᅥ								mg/l	kg/day			1
PCB-1242	러님								mg/1	kg/day			
PCB-1254	- -	-							mg/l	kg/day			
PCB-1221	᠆								mg/l	kg/day			
CB-1232	러님								mg/l	kg/day			
PCB-1248	- -								mg/l	kg/day			
PCB-1260	러님								mg/l	kg/day			
PCB-1016				1					mg/l	kg/day			
Foxaphene				-		-			mg/l	kg/day	-		

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

			2. E	FFLUENT			No.	3. UNI	TS	4	INTAKE	
1. POLLUTANT	a. MAXIMUM DAILY	VALUE	b. MAXIMUM 30 I	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AV	ERAGE VALUE	d. NO. OF
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Biochemical Oxygen Demand (BOD	16						1	mg/l	kg/day			
Chemical Oxygen Demand (COD)	41.2						1	mg/l	kg/day			
Total Organic Carbon (TOC)	37						1	mg/l	kg/day			
Total Suspended Solids (TSS)	12						1	mg/l	kg/day			
Ammonia (as N)	11				7.2		2	mg/l	kg/day			
Flow	4.5						1	mgd	kg/day			
Temperature (Winter)	2.7					-	1	°C				
Temperature (Summer)	10.8						1	°C				
pH	7	-17		MILL STATE OF THE			2	Standard	Units			

PART B - Mark 'X' in column 2-a for each pollutant you know or have reason to believe is present. Mark 'X' in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See instructions for additional details and requirements.

	1				EFFLUENT				3. UN	ITS		. INTAKE	
1. POLLUTANT	PRE- SENT	a. MAXIMUM DA	AILY VALUE	b. MAXIMUM 30 (if availa	DAY VALUE	c. LONG TERM (if avail	AVRG. VALUE	d. NO. OF	(specify i		a. LONG TERM AV	ERAGE VALUE	d. NO. OF
	7	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
Bromide	M	.8						1.	mg/l	kg/day			
Chlorine, Total Residual		.1						1	mg/l	kg/day			
Color		4,0						1	mg/l	kg/day			
Fecal Coliform		2						1	mg/l	kg/day			
Fluoride		18						1	mg/1	kg/day			
Nitrate-Nitrate (as N)	X	1		100				1	mg/l	kg/day			
Nitrogen, Total Organic (as N)		4						1	mg/l	kg/day			
Oil and Grease									mg/l	kg/day			
Phosphorus (as P), Total		.5						1	mg/l	kg/day			
Radioactivity:(1) Alpha, Total	17								mg/l	kg/day			
Radioactivity:(2) Beta, Total									mg/l	kg/day			
Radioactivity:(3) Radium, Total	17								mg/l	kg/day			
Radioactivity:(4) Radium 226, Total	int					1			mg/1	kg/day			1
Sulfate (as SO4)		186						1	mg/l	kg/day			
Sulfide (as S)						 			mg/l	kg/day			
Sulfite (as SO3)	ifil								mg/l	kg/day			
Surfactants									mg/l	kg/day			
Aluminum, Total	X	. 4						1	mg/l	kg/day			
Barium, Total									mg/l	kg/day			

				2. E	FFLUENT				3. UN	TS	4.	INTAKE	
1. POLLUTANT	PRE- SENT	a. MAXIMUM DA	VALUE	b. MAXIMUM 30 I	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AVE	RAGE VALUE	d. NO. OF
	7	(1) CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Boron, Total		.5			1			1	mg/l	kg/day			
Cobalt, Total	Ti								mg/l	kg/day			
Iron, Total		2.4						1	mg/l	kg/day			
Magnesium, Total		14.9						1	mg/l	kg/day			
Molybdenum, Total									mg/l	kg/day			
Manganese, Total		1.2						1	mg/l	kg/day			
Tin, Total	一百								mg/l	kg/day			
Titanium, Total	ゴニ								mg/l	kg/day			

PART C - If you are primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark 'X' in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and non required GC/MS fractions), mark 'X' in column 2-b for each pollutant you know or have reason to believe is present. Mark 'X' in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2, 4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table for each outfall. See instructions for additional details and requirements.

					FFLUENT				3. UN	TS	4	I. INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM DA	ILY VALUE	b. MAXIMUM 30 (if availal	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AV	ERAGE VALUE	d. NO. OF
I. POLEOTANI	?	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
Metals, Cyanids, and Total Phe	nols												
Antimony, Total									mg/l	kg/day			
Arsenic, Total	illi				and the state of t				mg/l	kg/day			
Beryllium, Total									mg/1	kg/day			
Cadmium, Total									mg/l	kg/day			
Chromium, Total									mg/l	kg/day			
Copper, Total	X	11.7	-			5.9		2	ug/l	kg/day			
Lead, Total		24.1				12.1		2	ug/l	kg/day			
Mercury, Total									mg/l	kg/day			
Nickel, Total									mg/l	kg/day			
Selenium, Total									mg/l	kg/day			
Silver, Total	ili								mg/l	kg/day			
Thallium, Total									mg/l	kg/day		i.	
Zinc, Total		1210				893		2	ug/l	kg/day			
Cyanide, Total		.01				+		1	mg/l	kg/day			
Phenois, Total		.1						1	mg/l	kg/day			
Dioxin	I K A [
2,3,7,8-Tetrachlorodibenzo-P-Dioxin									mg/l	kg/day			
GC/MS Fraction - Volatile Comp	ound	ds											
Acrolein									mg/l	kg/day			
Acrylonitrile	H								mg/1	kg/day			
Benzene						T .			mg/l	kg/day			

	2.			2	EFFLUENT				3. UN			4. INTAKE	
1. POLLUTANT	PRE- SENT	a. MAXIMUM DA	AILY VALUE	b. MAXIMUM 3 (if avail	0 DAY VALUE	c. LONG TERM A	(VRG. VALUE	d. NO. OF	(specify if		a. LONG TERM A	VERAGE VALUE	d. NO. O
		(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYS
GC/MS Fraction - Volatile C	ompound	ds											
Bis (Chloromethyl) Ether									mg/l	kg/day			
Bromoform									mg/l	kg/day			
Carbon Tetrachloride									mg/l	kg/day			
Chlorobenzene									mg/l	kg/day			
Chlorodibromomethane									mg/l	kg/day			
Chloroethane									mg/l	kg/day			
2-Chloroethylvinyl Ether	一百					1			mg/l	kg/day			
Chloroform								7	mg/l	kg/day			
Dichlorobromomethane									mg/l	kg/day			
Dichlorodiflouromethane									mg/l:	kg/day			
1,1-Dichloroethane									mg/l	kg/day			
1,2-Dichloroethane									mg/l	kg/day			
1,1-Dichloroethylene									mg/l	kg/day			
1,2-Dichloropropane									mg/l	kg/day			
1,3-Dichloropropylene									mg/l	kg/day			
Ethylbenzene									mg/1	kg/day			
Methyl Bromide	-								mg/l	kg/day			
Methyl Chloride	-								mg/l	kg/day			
Methylene Chloride	$\neg \neg \neg$								mg/l	kg/day			
1,1,2,2-Tetrachloroethane									mg/1	kg/day			
Tetrachloroethylene	一日								mg/l	kg/day			
Toluene									mg/l	kg/day			
1,2-Transdichloroethylene									mg/l	kg/day			
1,1,1-Trichloroethane									mg/l	kg/day		-	
1,1,2-Trichloroethane									mg/l	kg/day			
Trichloroethylene									mg/l	kg/day			
Trichlorofluoromethane				1					mg/l	kg/day			
Vinyl Chloride									mg/l	kg/day			
GC/MS Fraction - Acid Com	pounds							-					
2-Chlorophenol				T					mg/l	kg/day	T		T
2,4-Dichlorophenol	그님								mg/l	kg/day			
2,4-Dimethyphenol									mg/l	kg/day			1
4,6-Dinitro-O-Cresol	ㅡ;;								mg/l	kg/day			
2,4-Dinitrophenol								1	mg/l	kg/day			
2-Nitrophenol	᠆᠆┤;;}		-						mg/l	kg/day			
4-Nitrophenol		-							mg/l	kg/day			
P-Chloro-M-Cresol		-							mg/l	kg/day			
Pentachlorophenol									mg/l	kg/day			1
Phenol									mg/1	kg/day			1
2,4,6-Trichlorophenol		-		-				-	. mg/l	kg/day	1	_	+

				2. E	EFFLUENT				3. UN		4	4. INTAKE	
4 BOLLUTANT	2. PRE- SENT	a. MAXIMUM DA	ILY VALUE	b. MAXIMUM 30 (if availat	DAY VALUE	c. LONG TERM (if ava	AVRG. VALUE	d. NO. OF	(specify		a. LONG TERM AV	ERAGE VALUE	d. NO. OF
1. POLLUTANT	?	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
GC/MS Fraction - Base/Neutral			III TOO	3401440140141									
Acenaphthene	П								mg/l	kg/day			
Acenaphtylene	H								mg/l	kg/day			
Anthracene	H								mg/l	kg/day			
Benzidine	H								mg/l	kg/day			
Benzo (a) Anthracene	님								mg/l	kg/day			
Benzo (a) Pyrene	H								mg/l	kg/day			
Benzofluoranthene	님								mg/l	kg/day			
Benzo (ghi) Perylene	님			1			-		mg/l	kg/day			
Benzo (k) Fluoranthene	H								mg/l	kg/day			
Bis (2-Chloroethoxy) Methane	H						***************************************		mg/l	kg/day			
Bis (2-Chloroethyl) Ether	님								mg/l	kg/day			
Bis (2-Chloroisopropyl) Ether	님								mg/l	kg/day			
Bis (2-Ehtylhexyl) Phthalate	H			1				-	mg/l	kg/day			
-Bromophenyl Phenyl	H							1-1-7-	mg/l	kg/day			
Butyl Benzyl Phthalate	님								mg/l	kg/day			
-Chloronaphthalene	님	-							mg/l	kg/day			
-Chlorophenyl Phenyl Ether	님		3-		-				mg/l	kg/day			
Chrysene	님				-				mg/l	kg/day			10-22-20-20-20-20-20-20-20-20-20-20-20-20
Dibenzo (a,h) Anthracene	님	-		-		-		-	mg/l	kg/day			
,2,-Dichlorobenzene	님								mg/l	kg/day			
,3-Dicholorobenzene	님			-					mg/1	kg/day			
,4-Dichlorobenzene	님			-					mg/l	kg/day			
3,3-Dichlorobenzidine	H						***	-	mg/l	kg/day			100
Diethyl Phthalate									mg/l	kg/day			
Dimethyl Phthalate	H								mg/l	kg/day			1
Di-N-Butyl Phthlate	H			-					mg/l	kg/day			
2,4-Dinitrotoluene	믐			-			-		mg/l	kg/day			
2,6-Dinitrotoluene	뭄	-							mg/l	kg/day			1
Di-N-Octyl Phthalate	님			+					mg/l	kg/day			
1,2-Diphenylhydrazine (as Azobenzei									mg/l	kg/day			
Fluoranthene	님			-				1	mg/l	kg/day			
luorene	님					<u> </u>			mg/l	kg/day			
lexachlorobenzene	님			1		<u> </u>			mg/l	kg/day			
lexachlorobutadiene	H			-	-			+	mg/l	kg/day			
exachlorocyclopentadiene	吕							<u> </u>	mg/l	kg/day			1
Hexachloroethane	님							-	mg/l	kg/day			
ndeno (1,2,3-cd) Pyrene				+				-	mg/l	kg/day		-	+
77 - 20 - 20 - 20 - 20 - 20 - 20 - 20 -	1			+		-			mg/l	kg/day	+		
sophorone	H			-		-			mg/l	kg/day			-
Napthalene				-		-			mg/l	kg/day			+
Nitrobenzene	لــال							L		9,	Ganeral Mot		1

Page V - 4

Outfall No.

	2			2. 8	FFLUENT				3. UN		4	. INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM DA	ILY VALUE	b. MAXIMUM 30 (if availab	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify i		a. LONG TERM AV	ERAGE VALUE	d. NO. Of
	?	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
GC/MS Fraction - Base/Neu	tral Com	pounds											
N-Nitrosodimethylamine					4				mg/l	kg/day	.21		
N-Nitrosodi-N-Propylamine									mg/l	kg/day			
N-Nitrosodiphenylamine									mg/l	kg/day			
Phenanthrene									mg/l	kg/day			
Pyrene									mg/l	kg/day			
1,2,4-Trichlorobenzene				8					mg/l	kg/day			
GC/MS Fraction - Pesticides	8			·		-							
Aldrin								+	mg/l	kg/day			
Alpha-BHC									mg/l	kg/day			
Beta-BHC									mg/l	kg/day			
Gamma-BHC					THE ROLL OF THE PARTY OF THE PA				mg/l	kg/day			
Delta-BHC									mg/l	kg/day			
Chlordane									mg/l	kg/day			
4,4-DDT									mg/l	kg/day			
4,4-DDE									mg/l	kg/day			
1,4-DDD								- 3	mg/l	kg/day			
Dieldrin									mg/l	kg/day			
Alpha-Endosulfan			· ·						mg/l	kg/day		,	
Beta-Endosulfan									mg/l	kg/day			
Endosulfan Sulfate	거리								mg/l	kg/day			
Endrin									mg/l	kg/day			
Endrin Aldehyde	러리								mg/l	kg/day			
Heptachlor	ᅥᆔ			-					mg/l	kg/day			
Heptachlor Epoxide	러리			-			-		mg/l	kg/day			-
PCB-1242							1		mg/l	kg/day			
PCB-1254	$\neg \exists $								mg/l	kg/day			
PCB-1221	러님								mg/l	kg/day			7
CB-1232	러님								mg/l	kg/day			
CB-1248						7		-	mg/l	kg/day	1		
PCB-1260	ㅡ¦;;								mg/1	kg/day	1		
PCB-1016									mg/l	kg/day			1
Toxaphene									mg/l	kg/day			

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

			2. E	FFLUENT				3. UNI	TS	4.	INTAKE	
1. POLLUTANT	a. MAXIMUM DA	ALY VALUE	b. MAXIMUM 30 l (if availab	DAY VALUE	c. LONG TERM A	AVRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AVE	RAGE VALUE	d. NO. OF
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS	ANALYSES
Biochemical Oxygen Demand (BOD)	6	1.19			2.7	.36	3	mg/l	kg/day			
Chemical Oxygen Demand (COD)	180	5.42			97.8	13.23	3	mg/l	kg/day			
Total Organic Carbon (TOC)	10	.30			8.3	1.13	3	mg/l	kg/day			
Total Suspended Solids (TSS)	900	178.78			613.3	82.98	3	mg/l	kg/day			
Ammonia (as N)	2	.06			1.2	.17	3	mg/l	kg/day			
Flow	.05				.04	ļ	3	mgd	kg/day			
Temperature (Winter)	11.6	3			12.	7	2	°C				
Temperature (Summer)	23.6	3			1		1	°C				
рН	9.4						3	Standard	Units	1		

PART B - Mark 'X' in column 2-a for each pollutant you know or have reason to believe is present. Mark 'X' in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See instructions for additional details and requirements.

	1				FFLUENT				3. UN	ITS		4. INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM D	AILY VALUE	b. MAXIMUM 30 (if availal	DAY VALUE	c. LONG TERM	AVRG. VALUE	d. NO. OF	(specify if		a. LONG TERM A	VERAGE VALUE	d. NO. OF
	?	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Bromide									mg/l	kg/day			
Chlorine, Total Residual	Ī								mg/l	kg/day			100000000000000000000000000000000000000
Color		60	-					1	mg/l	kg/day			
Fecal Coliform	\boxtimes	98	17.36					1	mg/l	kg/day			T
Fluoride	\boxtimes	5.9	.18			5.65	.76	2	mg/l	kg/day			
Nitrate-Nitrate (as N)		. 9	.16					1	mg/l	kg/day			
Nitrogen, Total Organic (as N)									mg/l	kg/day			
Oil and Grease	ili								mg/l	kg/day			
Phosphorus (as P), Total	X	.54	.10					1	mg/l	kg/day			
Radioactivity:(1) Alpha, Total	ini								mg/l	kg/day			
Radioactivity:(2) Beta, Total									mg/l	kg/day			
Radioactivity:(3) Radium, Total	ī								mg/l	kg/day			
Radioactivity:(4) Radium 226, Total	ini								mg/l	kg/day			1
Sulfate (as SO4)		59.5	10.54			54.4	7.35	2	mg/1	kg/day			
Sulfide (as S)									mg/l	kg/day			
Sulfite (as SO3)	ill								mg/l	kg/day			
Surfactants	ili								mg/l	kg/day			
Aluminum, Total		7.3	1.29					1	mg/l	kg/day			1
Barium, Total									mg/l	kg/day			

				2.1	EFFLUENT				3. UNI	TS	4	I. INTAKE	
1. POLLUTANT	PRE- SENT	a. MAXIMUM D.	AILY VALUE	b. MAXIMUM 30 (if availa	DAY VALUE	c. LONG TERM A	VRG. VALUE		(specify if		a. LONG TERM AV	ERAGE VALUE	d. NO. OF
	7	(1) CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Boron, Total		.3	.05					1	mg/1	kg/day			
Cobalt, Total									mg/l	kg/day		-	
Iron, Total		33.6	6.67			20.7	2.8	3	mg/l	kg/day			
Magnesium, Total	$\exists \exists$	11.9	2.36			9.7	1.32	3	mg/l	kg/day			
Molybdenum, Total									mg/l	kg/day			
Manganese, Total		.88	.17			.69	.09	3	mg/l	kg/day			
Tin, Total								-	mg/l	kg/day			
Titanium, Total	\boxtimes	.14	.02					1	mg/l	kg/day		-	

PART C - If you are primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark 'X' in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and non required GC/MS fractions), mark 'X' in column 2-b for each pollutant you know or have reason to believe is present. Mark 'X' in column 2-c for each pollutant you believe is absent. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for acrolein, acrylonitrile, 2, 4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table for each outfall. See instructions for additional details and requirements.

11.0	2				FFLUENT				3. UN		4.	INTAKE	
1. POLLUTANT	PRE- SENT	a. MAXIMUM DA	ILY VALUE	b. MAXIMUM 30 (if availal	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify ij	-	a. LONG TERM AVE	RAGE VALUE	d. NO. O
I. I OLLO PART	?	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
Metals, Cyanids, and Total Phe	enols										7		· · · · · · · · · · · · · · · · · · ·
Antimony, Total									mg/l	kg/day			1
Arsenic, Total		.013	0		- Contract	.01	0	3	mg/1	kg/day		1	
Beryllium, Total	171								mg/l	kg/day			
Cadmium, Total		.003	0			.001	0	3	mg/1	kg/day			
Chromium, Total		.05	.01			.03	0	3	mg/l	kg/day			
Copper, Total		.04	.01			.02	0	3	mg/1	kg/day			
Lead, Total		.05	.01			.03	0	3	mg/l	kg/day			
Mercury, Total		.0002	0			0	0	3	mg/l	kg/day	1		
Nickel, Total									mg/l	kg/day			
Selenium, Total			1						mg/l	kg/day			
Silver, Total	TEL								mg/l	kg/day			
Thallium, Total	ini								mg/l	kg/day			
Zinc, Total	\boxtimes	.42	.01			.34	.05	3	mg/l	kg/day			
Cyanide, Total									mg/l	kg/day			
Phenois, Total									mg/l	kg/day			
Dioxin													
2,3,7,8-Tetrachlorodibenzo-P-Dioxir									mg/l	kg/day			
GC/MS Fraction - Volatile Com	pound	ls							I				
Acrolein		1							mg/l	kg/day	T		
Acrylonitrile									mg/l	kg/day			i
Benzene	17						_		mg/l	kg/day			

	1,				FFLUENT				3. UN			4. INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM DA	ILY VALUE	b. MAXIMUM 30 (if availab	DAY VALUE	c. LONG TERM	AVRG. VALUE	d. NO. OF	(specify i		a. LONG TERM A		d. NO. OF
1. POLLOTANT	?	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
GC/MS Fraction - Volatile C	ompour	nds										-	
Bis (Chloromethyl) Ether									mg/l	kg/day			
Bromoform	\neg \Box								mg/l	kg/day			
Carbon Tetrachloride							1		mg/l	kg/day			
Chlorobenzene									mg/l	kg/day			
Chlorodibromomethane	$\neg \neg$								mg/l	kg/day			
Chloroethane	$\neg \neg$					4			mg/l	kg/day			
2-Chloroethylvinyl Ether									mg/l	kg/day			
Chloroform									mg/l	kg/day			
Dichlorobromomethane								-	mg/l	kg/day			
Dichlorodiflouromethane	ゴロ								mg/1	kg/day			
1,1-Dichloroethane	ΠĒ								mg/l	kg/day			
1,2-Dichloroethane									mg/l	kg/day			
1,1-Dichloroethylene									mg/l	kg/day			
1,2-Dichloropropane	TI								mg/l	kg/day			
1,3-Dichloropropylene	$\neg \neg$								mg/1	kg/day			
Ethylbenzene	$\neg \neg$								mg/l	kg/day			
Methyl Bromide	$\dashv \sqcap$								mg/l	kg/day			
Methyl Chloride	ᅥᅥ								mg/l	kg/day			
Methylene Chloride	$\neg \neg$			-					mg/l	kg/day			
1,1,2,2-Tetrachloroethane									mg/l	kg/day			
Tetrachloroethylene	TH								mg/l	kg/day			-
Toluene	一一								mg/l	kg/day			
1,2-Transdichloroethylene	ᅴ님					1			mg/l	kg/day			
1,1,1-Trichloroethane	\dashv								mg/l	kg/day			
1,1,2-Trichloroethane	$\dashv \exists$								mg/l	kg/day			7
Trichloroethylene	ᅥᅥ								mg/l	kg/day			
Trichlorofluoromethane	러님								mg/1	kg/day			
Vinyl Chloride	ᅥᆔ								mg/l	kg/day			
GC/MS Fraction - Acid Com	pounds												
2-Chlorophenol									mg/l	kg/day			
2,4-Dichlorophenol	$\dashv \vdash$					 			mg/l	kg/day			
2,4-Dimethyphenol									mg/l	kg/day			
4,6-Dinitro-O-Cresol	\dashv \vdash								mg/l	kg/day	2 2		
2,4-Dinitrophenol	\dashv \vdash								mg/l	kg/day			
2-Nitrophenol	\dashv \vdash								mg/l	kg/day			
4-Nitrophenol	\dashv \vdash	-							mg/l	kg/day			
P-Chloro-M-Cresol				+ +					mg/l	kg/day			
Pentachlorophenol	$\dashv \vdash$	-					College Colleg		mg/l	kg/day			
Phenol				 					mg/l	kg/day			
2,4,6-Trichlorophenol		-		25-5		1			mg/l	kg/day			

	2.	a. MAXIMUM DA	AII V VALUE		EFFLUENT	a LONG TERM	WPC WALLE		3. UN (specify ij			4. INTAKE	
1. POLLUTANT	2. PRE- SENT			b. MAXIMUM 3 (if avail		c. LONG TERM A (if availa		d. NO. OF ANALYSES	(1) CONCENTRATION	(2) MASS	a. LONG TERM A		d. NO. OF
		(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS		CONCENTRATION	MASS	CONCENTRATION	(2) MASS	
GC/MS Fraction - Base/Neutral	Com	pounds								7 / 7	-		
Acenaphthene						-			mg/l	kg/day			
Acenaphtylene									mg/l	kg/day			
Anthracene									mg/l	kg/day			
Benzidine									mg/l	kg/day			
Benzo (a) Anthracene									mg/l	kg/day	V		
Benzo (a) Pyrene	\Box								mg/l	kg/day			
Benzofluoranthene									mg/l	kg/day			
Benzo (ghi) Perylene									mg/l	kg/day			
Benzo (k) Fluoranthene									mg/l	kg/day			
Bis (2-Chloroethoxy) Methane									mg/l	kg/day			
Bis (2-Chloroethyl) Ether									mg/1	kg/day			
Bis (2-Chloroisopropyl) Ether					le v				mg/l	kg/day			
Bis (2-Ehtylhexyl) Phthalate							T		mg/l	kg/day	-		
1-Bromophenyl Phenyl	ITI								mg/l	kg/day			
Butyl Benzyl Phthalate		-				-		-	mg/l	kg/day			
2-Chloronaphthalene									mg/l	kg/day			
4-Chlorophenyl Phenyl Ether	int								mg/l	kg/day			
Chrysene									mg/l	kg/day			
Dibenzo (a,h) Anthracene	t H		7	V.					mg/l	kg/day			1
1,2,-Dichlorobenzene	ITI								mg/l	kg/day			
1,3-Dicholorobenzene									mg/l	- kg/day			1
1,4-Dichlorobenzene	남	-							mg/l	kg/day			
3,3-Dichlorobenzidine	납남								mg/1	kg/day			1
Diethyl Phthalate	납남								mg/l	kg/day			-
Dimethyl Phthalate	╎┼			-		-			mg/l	kg/day	1		1
Di-N-Butyl Phthlate	남								mg/l	kg/day	-		1
2,4-Dinitrotoluene	남	-							mg/l	kg/day			+
2,6-Dinitrotoluene	님								mg/l	kg/day			+
Di-N-Octyl Phthalate	남			+		-			mg/l	kg/day			-
1,2-Diphenylhydrazine (as Azobenze	남			-		-		-	mg/l	kg/day			+
Fluoranthene				-		-	-	-	mg/l	kg/day			+
	님님			-			777		mg/l	kg/day	-		+
Fluorene	내내								mg/1	kg/day	1		-
Hexachlorobenzene	내내								mg/l	kg/day			+
Hexachlorobutadiene						-		-	mg/l	kg/day			-
Hexachlorocyclopentadiene						-			mg/1	kg/day			+
Hexachloroethane										1000			-
Indeno (1,2,3-cd) Pyrene									mg/1	kg/day			+
Isophorone									mg/1	kg/day	-		-
Napthalene									mg/l	kg/day			+
Nitrobenzene								14	mg/1	kg/day			

	2	l)		2.	EFFLUENT				3. UN			4. INTAKE	
1. POLLUTANT	2. PRE- SEN	a. MAXIMUM DA	ALY VALUE	b. MAXIMUM 30 (if availa	DAY VALUE	c. LONG TERM .	AVRG. VALUE	d. NO. OF	(specify i		a. LONG TERM A	ERAGE VALUE	d. NO. OF
1.1 OLLOTAIN	7	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
GC/MS Fraction - Base/Neu	tral Cor	npounds											
N-Nitrosodimethylamine									mg/l	kg/day			
N-Nitrosodi-N-Propylamine									mg/l	kg/day			
N-Nitrosodiphenylamine									mg/l	kg/day			4
Phenanthrene	TIT								mg/1	kg/day			
Pyrene	$\neg \neg$								mg/l	kg/day			
1,2,4-Trichlorobenzene									mg/l	kg/day			
GC/MS Fraction - Pesticides	3	1					0.00						
Aldrin									mg/l	kg/day			
Alpha-BHC	$\neg \vdash$				-				mg/1	kg/day			
Beta-BHC	ᆿ-								mg/l	kg/day			
Gamma-BHC	ᅴᅴ		***						mg/l	kg/day			
Delta-BHC	$\neg \neg$								mg/l	kg/day			
Chlordane	ᅱᅱ								mg/l	kg/day			
4,4-DDT	一日								mg/l	kg/day			
I,4-DDE	ᆿ-								mg/l	kg/day			
,4-DDD							1		mg/l	kg/day			
Dieldrin	러님								mg/l	kg/day			
Alpha-Endosulfan	ᅴ님								mg/l	kg/day			
Beta-Endosulfan	ᅱᅱ					1			mg/l	kg/day			
Endosulfan Sulfate	ᅴ딤								mg/l	kg/day			
Endrin	ㅡ늡								mg/l	kg/day		4,00	
Endrin Aldehyde	ᆸ								mg/l	kg/day			
Heptachlor	닉님								mg/l	kg/day			1
Heptachlor Epoxide	ᅱ딤						·		mg/l	kg/day			
PCB-1242	ᅴ님						***************************************		mg/l	kg/day			
PCB-1254	닉님								mg/l	kg/day			
PCB-1221	ᅱ뭐								mg/l	kg/day			
PCB-1232	ᅱ님			+					mg/l	kg/day			
PCB-1248	႕님								mg/l	kg/day			
PCB-1260	러님								mg/l	kg/day			
PCB-1016	\dashv								mg/l	kg/day			
Toxaphene	ㅡ님		* 11	++			-		mg/l	kg/day			

General Motors Powertrain Defiance Plant

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details,

			2. E	FFLUENT				3. UNI	TS	4.	INTAKE	
1. POLLUTANT	a. MAXIMUM DA	JLY VALUE	b. MAXIMUM 30 (if availab	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AV	ERAGE VALUE	d. NO. OF
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Biochemical Oxygen Demand (BOD	0				0	-	3	mg/l	kg/day			
Chemical Oxygen Demand (COD)	15.1	.58			5	.19	3	mg/l	kg/day			
Total Organic Carbon (TOC)	8	.31			6.7	.25	3	mg/l	kg/day			
Total Suspended Solids (TSS)	140	5.34			56	2.14	3	mg/l	kg/day		-	
Ammonia (as N)	.2	.01			.13	.01	3	mg/l	kg/day			
Flow	.04				.04		3	mgd	kg/day			
Temperature (Winter)	2.8						1	°C				
Temperature (Summer)	24.1				23.1	5	2	°C				
pH *	8	-					3	Standard	Units			

PART B - Mark 'X' in column 2-a for each pollutant you know or have reason to believe is present. Mark 'X' in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See instructions for additional details and requirements.

					EFFLUENT				3. UN	ITS	4	4. INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM DA	AILY VALUE	b. MAXIMUM 30 (if availate	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AV	ÆRAGE VALUE	d. NO. OF
	3	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Bromide									mg/l	kg/day			
Chlorine, Total Residual	\boxtimes	.04	.001					1	mg/l	kg/day			
Color	\boxtimes	10		*				1	mg/l	kg/day			
Fecal Coliform									mg/l	kg/day			
Fluoride		1.8	.07			1.67	.06	3	mg/1	kg/day			
Nitrate-Nitrate (as N)		.8	.03					1	mg/l	kg/day			
Nitrogen, Total Organic (as N)									mg/l	kg/day			
Oil and Grease	ili								mg/l	kg/day		le.	
Phosphorus (as P), Total									mg/1	kg/day			
Radioactivity:(1) Alpha, Total									mg/l	kg/day			1
Radioactivity:(2) Beta, Total	ī								mg/l	kg/day			
Radioactivity:(3) Radium, Total	ini						135		mg/1	kg/day			
Radioactivity:(4) Radium 226, Total	ini								mg/l	kg/day			
Sulfate (as SO4)	\boxtimes	85	3.24			80.2	3.06	3	mg/l	kg/day			1
Sulfide (as S)									mg/l	kg/day			-
Sulfite (as SO3)	ili								mg/l	kg/day			1
Surfactants	H								mg/l	kg/day			
Aluminum, Total	\boxtimes	.39	.01			-		1	mg/l	kg/day			
Barium, Total									mg/1	kg/day	 		

				2. 8	FFLUENT				3. UN	ITS	4.	INTAKE	
1. POLLUTANT	PRE- SENT	a. MAXIMUM D	AILY VALUE	b. MAXIMUM 30 (if availal	DAY VALUE	c. LONG TERM A	AVRG. VALUE	d. NO. OF	(specify if	7	a. LONG TERM AVE	ERAGE VALUE	d. NO. OF
	7	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Boron, Total		.28	.01					1	mg/l	kg/day			
Cobalt, Total									mg/l	kg/day			
Iron, Total		2.6	.1	-		1.7	.07	3	mg/l	kg/day			
Magnesium, Total		37.5	1.43			32	1.22	3	mg/l	kg/day			
Molybdenum, Total					-				mg/l	kg/day			
Manganese, Total		.12	.005			.1	.004	3	mg/l	kg/day			
Tin, Total									mg/l	kg/day			
Titanium, Total							5.55		mg/l	kg/day			

PART C - If you are primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark 'X' in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and non required GC/MS fractions), mark 'X' in column 2-b for each pollutant you know or have reason to believe is present. Mark 'X' in column 2-c for each pollutant you believe is absent. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for acrolein, acrylonitrile, 2, 4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table for each outfall. See instructions for additional details and requirements.

					FFLUENT				3, UN	TS	4.	INTAKE	COLUMN
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM DA	AILY VALUE	b. MAXIMUM 30 (if availal	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AVE	RAGE VALUE	d. NO. OF
I. I OLLO IAITI	7	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Metals, Cyanids, and Total	Phenols												
Antimony, Total			-						mg/l	kg/day			
Arsenic, Total							400		mg/l	kg/day			
Beryllium, Total	一一								mg/l	kg/day			
Cadmium, Total	一一								mg/l	kg/day			
Chromium, Total	一一	-							mg/l	kg/day			4
Copper, Total									mg/l	kg/day			
_ead, Total									mg/l	kg/day			
Mercury, Total	コロ								mg/l	kg/day			
Nickel, Total	一百								mg/l	kg/day			
Selenium, Total	TH								mg/l	kg/day			
Silver, Total	$\neg \Box$		-						mg/l	kg/day			1
Thallium, Total	一一								mg/l	kg/day			
Zinc, Total		.053	.002			.018	.0007	3	mg/l	kg/day			
Cyanide, Total									mg/l	kg/day			
Phenois, Total									mg/l	kg/day			
Dioxin				-		-							
2,3,7,8-Tetrachlorodibenzo-P-Di	oxin 🗍								mg/l	kg/day			
GC/MS Fraction - Volatile C	ompoun	ds											
Acrolein				T					mg/l	kg/day			T
Acrylonitrile	ㄱㄷ								mg/l	kg/day			
Benzene	ᅱ片					+			mg/l	kg/day	1		

	2.	a. MAXIMUM D	All V MALLIE		EFFLUENT	LONG TERM A	/RG VALUE		3. UN (specify if			4. INTAKE	1
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM D		b. MAXIMUM 30 (if availa	ble)	c. LONG TERM A	ile)	d. NO. OF	2,000 000 00	2	a. LONG TERM A		d. NO. OF
	7	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
GC/MS Fraction - Volatile C								-					
Bis (Chloromethyl) Ether									mg/l	kg/day			
Bromoform									mg/l	kg/day			
Carbon Tetrachloride									mg/l	kg/day			
Chlorobenzene									mg/l	kg/day			
Chlorodibromomethane									mg/l	kg/day			
Chloroethane									mg/l	kg/day			
2-Chloroethylvinyl Ether									mg/l	kg/day			
Chloroform									mg/l	kg/day			
Dichlorobromomethane									mg/l	kg/day			
Dichlorodiflouromethane									mg/l	kg/day			
1,1-Dichloroethane									mg/l	kg/day			
1,2-Dichloroethane	거리								mg/l	kg/day			
1,1-Dichloroethylene									mg/l	kg/day			
1,2-Dichloropropane									mg/l	kg/day			Î
1,3-Dichloropropylene									mg/l	kg/day			
Ethylbenzene									mg/l	kg/day			
Methyl Bromide				1					mg/l	kg/day			
Methyl Chloride	ㅋ=								mg/l	kg/day			
Methylene Chloride			+						mg/l	kg/day			
1,1,2,2-Tetrachloroethane									mg/l	kg/day			
Tetrachloroethylene	-								mg/l	kg/day			
Toluene									mg/l	kg/day			
1,2-Transdichloroethylene									mg/l	kg/day			
1,1,1-Trichloroethane									mg/l	kg/day			
1,1,2-Trichloroethane									mg/l	kg/day			
Trichloroethylene	그님								mg/1	kg/day			
Trichlorofluoromethane			31						mg/l	kg/day			†
Vinyl Chloride					7716				mg/l	kg/day		pel .	
GC/MS Fraction - Acid Com	pounds												
2-Chlorophenol									mg/l	kg/day			T
2,4-Dichlorophenol	거님							-	mg/l	kg/day			
2,4-Dimethyphenol	그님						,		mg/l	kg/day			
4,6-Dinitro-O-Cresol									mg/l	kg/day			
2,4-Dinitrophenol							-		mg/l	kg/day			
2-Nitrophenol	그님					1			mg/1	kg/day			1
4-Nitrophenol	_ 디디								mg/l	kg/day			i -
P-Chloro-M-Cresol	닉님					7			mg/l	kg/day			
Pentachlorophenol	᠆┤┼					-			mg/l	kg/day			1
Phenol	᠆┤;;}								mg/1	kg/day			
2,4,6-Trichlorophenol				1		-			mg/l	kg/day			+

	2. PRE-	a. MAXIMUM DA	II V VALUE		FFLUENT	Le LONG TERM	AVPG VALUE		3. UN (specify i		4	. INTAKE	1
1. POLLUTANT	SENT			b. MAXIMUM 30 (if availab		c. LONG TERM		d. NO. OF ANALYSES			a. LONG TERM AV		d. NO. OF ANALYSES
	1	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALTOES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	7.11.12.10.2
GC/MS Fraction - Base/Neutral	Com	pounds											
Acenaphthene									mg/l	kg/day			
Acenaphtylene	ini								mg/1	kg/day			
Anthracene									mg/l	kg/day			
Benzidine									mg/1	kg/day			
Benzo (a) Anthracene	ini							16	mg/l	kg/day			
Benzo (a) Pyrene	ill								mg/l	kg/day	=		
Benzofluoranthene	ini								mg/l	kg/day			
Benzo (ghi) Perylene	iFi								mg/l	kg/day			
Benzo (k) Fluoranthene									mg/l	kg/day			
Bis (2-Chloroethoxy) Methane	ini								mg/l	kg/day			
Bis (2-Chloroethyl) Ether	ifil								mg/l	kg/day			
Bis (2-Chloroisopropyl) Ether									mg/l	kg/day			
Bis (2-Ehtylhexyl) Phthalate	ini								mg/l	kg/day			
I-Bromophenyl Phenyl	till t		, , , , , , , , , , , , , , , , , , ,						mg/l	kg/day			
Butyl Benzyl Phthalate	151		-				100000000000000000000000000000000000000		mg/1	kg/day			
2-Chloronaphthalene	냅냅								mg/l	kg/day			
-Chlorophenyl Phenyl Ether	겁니			1					mg/l	kg/day			
Chrysene	┧┼┤┟							 	mg/l	kg/day			1
Dibenzo (a,h) Anthracene	납남								mg/l	kg/day			
,2,-Dichlorobenzene							-010		mg/l	kg/day			
1,3-Dicholorobenzene	151							1	mg/l	kg/day			
,4-Dichlorobenzene	급								mg/l	kg/day			
3,3-Dichlorobenzidine	겁								mg/1	kg/day			
Diethyl Phthalate	납								mg/l	kg/day			
Dimethyl Phthalate	급				~				mg/l	kg/day			
Di-N-Butyl Phthlate	┧┼┼								mg/l	kg/day			
2,4-Dinitrotoluene	급								mg/l	kg/day			
2,6-Dinitrotoluene	┧┼┤						-	†	mg/1	kg/day			
Di-N-Octyl Phthalate	뷞								mg/l	kg/day			
1,2-Diphenylhydrazine (as Azobenze				 			-	1	mg/l	kg/day			
Fluoranthene	ㅐ	-							mg/1	kg/day			
Fluorene									mg/l	kg/day	1		
Hexachlorobenzene	님							1	mg/l	kg/day			
-lexachlorobutadiene				+		1		-	mg/1	kg/day		-	
lexachlorocyclopentadiene								-	mg/1	kg/day			
-lexachloroethane	님					-		-	mg/l	kg/day	+		-
ndeno (1,2,3-cd) Pyrene								-	mg/l	kg/day		-	1
sophorone	뮒							1	mg/1	kg/day			
Napthalene	님			-				+	mg/1	kg/day	+		
	-							175	mg/l	kg/day			1
Nitrobenzene								ے ل	1113/4				

	2			2. E	FFLUENT				3. UN		-	. INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM DA	AILY VALUE	b. MAXIMUM 30 (if availab	DAY VALUE	c. LONG TERM A	AVRG. VALUE	d. NO. OF	(specify ij		a. LONG TERM AV	ERAGE VALUE	d. NO. OF
022011		(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
GC/MS Fraction - Base/Neu							7/2						
N-Nitrosodimethylamine									mg/l	kg/day			
N-Nitrosodi-N-Propylamine	一一								mg/l	kg/day			
N-Nitrosodiphenylamine									mg/l	kg/day			
Phenanthrene			-						mg/l	kg/day			
Pyrene	$\neg \neg$		7						mg/l	kg/day			-
,2,4-Trichlorobenzene	$\neg \neg$			<u> </u>					mg/l	kg/day			
GC/MS Fraction - Pesticides								1			1		
Aldrin									mg/l	kg/day			
Alpha-BHC	러님							-	mg/l	kg/day			
Beta-BHC									mg/l	kg/day			
Gamma-BHC	ㅡ;;								mg/l	kg/day			1
Delta-BHC									mg/l	kg/day			
Chlordane	거님		7						mg/l	kg/day			
4,4-DDT	러님								mg/l	kg/day			
4,4-DDE	러님								mg/l	kg/day			
1,4-DDD	러님								mg/l	kg/day			1
Dieldrin	그님								mg/l	kg/day			
Alpha-Endosulfan	$\dashv \exists i$								mg/l	kg/day			
Beta-Endosulfan	러님			,			and the same of th	1	mg/l	kg/day			
Endosulfan Sulfate								<u> </u>	mg/l	kg/day			
Endrin									mg/l	kg/day			-
Endrin Aldehyde	ㅡ;;				-		4		mg/l	kg/day			
Heptachlor	$\neg \exists$					-		-	mg/1	kg/day			
Heptachlor Epoxide	ᅥᅥ								mg/l	kg/day			1
PCB-1242	러듬							1	mg/l	kg/day		-	
PCB-1254									mg/l	kg/day			
PCB-1221	ᅱቨ								mg/l	kg/day			
PCB-1232	\dashv								mg/l	kg/day			
PCB-1248	ᅴ님								mg/l	kg/day			
PCB-1260	ㅡ;;								mg/l	kg/day			
PCB-1016	닉님			-				7	mg/1	kg/day		W	
Toxaphene									mg/l	kg/day			-

EPA ID Number

2F

EPA

Application for Permit to Discharge Storm Water Discharges Associated with Industrial Activity

U.S. ENVIRONMENTAL PROTECTION AGENCY

NPDES

I. Outfall Location

OUTFALL		LATITUDE		1	ONGITUD	E	
NUMBER	DEG.	MIN.	ŠEĆ.	DEG.	MIN,	SEC.	RECEIVING WATER
001	41	17	18	84	19	1	Maumee River
002	41	17	39	84	18	58	Maumee River
04	41 "	17	38	84	19	3	Maumee River
005	41	17"	35	84	17	56	Maumee River

II, improvements

A. Are you now required by any Federal, State, or local authority to meet any Implication schedule for the construction, upgrading, or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative, or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

B. You may attach additional sheets describing any additional water pollution (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction.

te Drainage Map

Attach a site map showing topography (or indicating the outline of drainage areas served by the outfall(s) covered in the application if a topographic map is unavailable) depicting the facility including: each of its intake and discharge structures; the discharge area of each storm water outfall; paved areas and buildings within the drainage area or each storm water outfall, each known past or present areas used for outdoor storage or disposal of significant materials, each existing structural control measure to reduce pollutants in storm water runoff, materials loading and access areas, areas where pesticides, soil conditioners and fertilizers are applied; each of its hazardous waste treatment, storage or disposal units (including each area not required to have a RCRA permit withch is used for accumulating hazardous waste under 40 CFR 262.34); each well where fluids from the facility are injected underground; springs, and other surface water bodies which receive storm water discharges from the facility.

IV. Narrative Description of Pollutant Sources

A. For each outfall, provide an estimate of the area (Include units) of impervious surfaces (including paved areas and building roofs) drained to the outfall, and an estimate of the total surface area drained by the outfall.

Please view the Sovenesse fix for the register information

B. Provide a narrative description of significant materials that are currently or in the past three years have been treated, stored, or disposed in a manner to allow exposure to storm water; method of treatment, storage, or disposal; materials loading and access areas; and the location, manner, and frequency in which posticides, herbicides, soll conditioners, and fertilizers are applied.

ap metals are stored outside for recycling and managed properly. Sand and dust from foundry dust collectors are bured outside for recycling and disposal in the on-site landfill. Dust is properly managed per inspections and local job procedures.

C. For each outfall, provide the location and a description of existing structural and nonstructural control measures to reduce pollutants in storm water runoff; and a description of the treatment the storm water receives, including the schedule and type of maintenance for control and treatment measures and the ultimate disposal of any solid or fluid wastes other than by discharge.

Please view the Swimmare file for the reported information

V. Nonstormwater Discharges

A. I certify under penalty of law that the outall(s) covered by this application have been tested or evaluated for the presence of nonstormwater discharges, and that all nonstormwater discharges from these outfall(s) are being identified in either an accompanying Form 2C or Form 2E application for the outfall.

I, B, C, & D. See instructions before proceeding. Complete one set of tables for each outfall. Annotate the outfall number in the space provided, Tables VII-A, VII-B, VII-C are included on separate sheets numbered VII-1 and VII-2.

Part D - Provide data for the storm event(s) which resulted in the maximum values for the flow-weighted composite sample.

Tate of m Event	Duration (in minutes)	Total rainfall during storm event (in inches)	Number of hours between beginning of storm measured and end of previous measureable rain event	Maximum flow rate during rain event (in gellons/minute)	Total flow from rain even (In gallone)
)7/11/2006	4320	3	120	200	60216
11/12/2007	2880	1	120	100	7957
)1/08/20DB	2880	1	120	100	90905
16/08/2006	1440	O	72	10	10080
)9/08/2007	7200	1	288	10	50400
)1/01/2008	2880	0	72	10	20160
01/08/2008	2880	1	120	50	112717

Provide a description of the method of flow measurement or estimate.

The flow rate on Outfall 004 is measured using a flowmeter. The flow rate on Outfall 005 is a calculated estimate.

E. Potential dischanges not covered by analysis -- Is any toxic pollutant listed in table 2F-2, 2F-3, or 2F-4, a substance or a component of a substance "ich you currently use or manufacture as an intermediate or final product or by product?

Yes (list all such pollutants belo	0	Yes	(list all	such	pollutants	below	1)
------------------------------------	---	-----	-----------	------	------------	-------	----

4		No
S	9	ING

(go to Section IX)

VIII. Biological Toxicity Testing Data

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a eceiving water in relation to your discharge within the last three years?

(list all such pollutants below)

O No (go to Section IX)

As part of the current NPDES permit, the plant has conducted annual evaluations of acute and chronic toxicity. The results of the testing indicate that the plant effluent is less than 1.0 TUa and less than 1.0 TUc. The plant has used the following environmental laboratory to perform the effluent toxicity testing for the plant's NPDES requirements.

Global Environmental Consulting, LLC

223 W. Michigan Ave.

Clinton, MI 49236

(517) 456-6881

IX. Contract Analysis Information

Vere any of the analysis reported in Item VII performed by a contract laboratory or consulting firm?

 Yes (list the name, eddress, and telephone number of, and pollutents analyzed by each such isboratory or firm below) PA Form 3510-2f (12/96)

(go to section X) O No

Page 2 of 3

Phenols, Total

NAME		ADDRESS		TELEPHONE (area code & no.)	POLLUTANTS ANALYZED
est America	4101 Shuffel Dr	ive NW		(330) 497-9396	Biochemical Oxygen Demand
		11			Chemical Oxygen Demand (Co
	North Canton	ОН	44720		Total Organic Carbon (TOC)
X. CERTIFICATION				•	Total Suspended Solids (TS
					PΗ
					Nitrate-Nitrite (as N)
					Oil and Grease
					Phosphorus (as P), Total
					Nitrogen, Total Kjeldahl
		*			Cadmium, Total (Cd)
					Chlorine, Total Residual
			×		Copper, Total (Cu)
					Cyanide, Total
					Lead, Total (Pb)
					Mercury, Total
					Selenium, Total (Se)
					Arsenic, Total Magnesium, Total
					Bromide
					Color
					Fecal Coliform
					Flouride
					Nitrogen, Total Organic (
					Sulphate (as SO4)
* ,		,			Sulphide (as S)
					Surfactants
					Aluminum, Total
					Barium, Total
					Boron, Total
					Cobalt, Total
					Iron, Total
*					Molybdenum, Total
					Manganese, Total
					Tin, Total
					Titanium, Total
					Antimony, Total
					Beryllium, Total
Seed 1					Chromium, Total
					Nickel, Total
					Silver, Total
					Thallium, Total
					Zinc, Total

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel property gether and evaluate the information submitted. Beased on my inquity of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete, I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. B. PHONE NO. (area code & no.) A. NAME & OFFICIAL TITLE (type or print) C. SIGNATURE

Item VII A, B & C (continued from page 2 of Form 2-F)

001

Part A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. Press F1 for additional details.

	CAS	Maximum V (include u		Average V (include ur		Number of Storm	Sources of Pollutants
Pollutant	Number	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Events Sampled	Sources of Pollutants
Biochemical Oxygen Demand (BO		mg/1	kg/day	mg/l	kg/day		
Chemical Oxygen Demand (COD)		mg/l	kg/day	mg/l	kg/day		
Total Suspended Solids (TSS)		mg/l	kg/day	mg/l	kg/day		
pH							
Nitrate-Nitrite (as N)		mg/l	kg/day	mg/l	kg/day		
Oil and Grease		mg/l	kg/day	mg/l	kg/day		
Phosphorus (as P), Total	7723-14-0	mg/l	kg/day	mg/l	kg/day		
Nitrogen, Total Kjeldahl		mg/l	kg/day	mg/l	kg/day	1 1	

Part B - List each parameter that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. Press F1 for additional details and instructions.

Part C - List each pollutant shown in Tables 2F-2, 2F-3, and 2F-4 that you know of have reason to believe is present. Press F1 for the tables and for additional details and requirements, Complete one table for each outfall.

Item VII A, B & C (continued from page 2 of Form 2-F)

OUTFALL NO.

002

Part A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. Press F1 for additional details.

	CAS	Maximum V (include u		Average V (include ur	Number of Storm		
Pollutant	Number	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Events Sampled	Sources of Pollutants
Biochemical Oxygen Demand (BO		mg/l	kg/day	mg/l	kg/day		
Chemical Oxygen Demand (COD)		mg/l	kg/day	mg/l	kg/day		
Total Suspended Solids (TSS)		mg/l	kg/day	mg/l	kg/day		
рН							
Nitrate-Nitrite (as N)		mg/1	kg/day	mg/l	kg/day		
Oil and Grease		mg/l	kg/day	mg/l	kg/day		
Phosphorus (as P), Total	7723-14-0	mg/l	kg/day	mg/1	kg/day		
Nitrogen, Total Kjeldahl		mg/l	kg/day	mg/1	kg/day		

Part B - List each parameter that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. Press F1 for additional details and instructions.

Part C - List each pollutant shown in Tables 2F-2, 2F-3, and 2F-4 that you know of have reason to believe is present. Press F1 for the tables and for additional details and requirements. Complete one table for each outfall.

Part A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. Press F1 for additional details.

	CAS	Maximum V (include u		Average V (include un		Number of Storm	Sources of Pollutants
Pollutant	Number	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Events Sampled	Sources of Pollutants
Biochemical Oxygen Demand (BO		6 mg/l	1 kg/day	3 mg/1	0 kg/day	3	
Chemical Oxygen Demand (COD)		180 mg/l	5 kg/day	98 mg/l	13 kg/day	3	
Total Suspended Solids (TSS)		900 mg/1	179 kg/day	613 mg/1	83 kg/day	3	
pH		9		9		3	
Nitrate-Nitrite (as N)		1 mg/1	0 kg/day	mg/1	kg/day	1	
Oil and Grease		0 mg/l	0 kg/day	0 mg/l	0 kg/day	3	
Phosphorus (as P), Total	7723-14-0	1 mg/1	0 kg/day	mg/l	kg/day	1	
Nitrogen, Total Kjeldahl		5 mg/l	1 kg/day	4 mg/l	. 1 kg/day	3	

Part B - List each parameter that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. Press F1 for additional details and instructions.

	CAS	Maximum \ (include u	and the same of th		Average Values (include units)				
Pollutant	Number	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Events Sampled	Sources of Pollutants		
Arsenic, Total (As)	7440382	0 mg/l	0 kg/day	0 mg/1	0 kg/day	3	-		
Barium Total (Ba)	7440393	0 mg/1	0 kg/day	0 mg/1	0 kg/day	3			
Cadmium, Total (Cd)		0 mg/1	0 kg/day	0 mg/1	0 kg/day	3			
Carbon, Total Organic (TOC)		10 mg/l	0 kg/day	8 mg/1	1 kg/day	3			
Chromium, Total		0 mg/l	0 kg/day	0 mg/1	0 kg/day	3	7.5		
Copper, Total (Cu)		0 mg/l	0 kg/day	0 mg/1	0 kg/day	3			
Cyanide, Total	40	0 mg/l	0 kg/day	0 mg/1	0 kg/day	3	- mate		
ead, Total (Pb)		0 mg/l	0 kg/day	0 mg/l	0 kg/day	3			
Mercury, Total (Hg)	7439976	0 mg/1	0 kg/day	0 mg/l	0 kg/day	3			
Nitrogen, Ammonia (NH3)	7664-41-7	2 mg/l	0 kg/day	1 mg/l	0 kg/day	3			
Selenium, Total (Se)	7782492	0 mg/l	0 kg/day	0 mg/l	0 kg/day	3			
Silver, Total (Ag)		0 mg/l	0 kg/day	0 mg/1	0 kg/day	3			

Part C - List each pollutant shown in Tables 2F-2, 2F-3, and 2F-4 that you know of have reason to believe is present. Press F1 for the tables and for additional details and requirements. Complete one table for each outfall.

	CAS	Maximum Values (include units)				Average Va (include ut	Number of Storm		
Pollutant	Number		aken During First Minutes		Flow- d Composite	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Events Sampled	Sources of Pollutants
Juminum, Total	7429-90-5	7	mg/1	1	kg/day	mg/l	kg/day	1	
Boron, Total	7440-42-8	0	mg/l	0	kg/day	mg/l	kg/day	1	
Color		60	mg/l		kg/day	mg/l	kg/day	1	

Pollutant Fecal Coliform	CAS Number	Maximu Values (incl nits)				Ave Values (in units)			Number of Storm Events	Sources of Pollutants	
		Grab Sample Taken During First 20 Minutes		Flow- weighted Composite		Grab Sample Taken During Fired 20 Minutes		Flow- weighted Composite		Sampled	Source of Foliation
		98	mg/l	17	kg/day		mg/l		kg/day	1	
Flouride	16984-48-8	5	mg/l	0	kg/day	6	mg/l	1	. kg/day	2	-
Iron, Total	7439-89-6	34	mg/l	7	kg/day	21	mg/l	3	kg/day	3	
Magnesium, Total	7439-95-4	12	mg/l	2	kg/day	10	mg/l	1	kg/day	3	
Manganese, Total	7439-96-5	1	mg/1	0	kg/day	1	mg/l	0	kg/day	3	
Sulphate (as SO4)	14808-79-8	60	mg/l	11	kg/day	54	mg/l	7	kg/day	2	
Titanium, Total	7440-32-6	0	mg/l	0	kg/day		mg/l		kg/day	1	
Zinc, Total	7440-66-6	0	mg/l	0	kg/day	0	mg/l	Ó	kg/day	3	

Part A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. Press F1 for additional details.

Pollutant	CAS	Maximum \ (include t		Average V (include ui	Number of Storm		
	Number	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Events Sampled	Sources of Pollutants
Biochemical Oxygen Demand (BO		0 mg/1	0 kg/day	0 mg/1	0 kg/day	3	
Chemical Oxygen Demand (COD)		15 mg/l	1 kg/day	5 mg/l	0 kg/day	3	
Total Suspended Solids (TSS)		140 mg/l	5 kg/day	56 mg/l	2 kg/day	3	
pH		8		8		3	
Nitrate-Nitrite (as N)		1 mg/1	0 kg/day	mg/l	kg/day	1	
Oil and Grease		0 mg/1	0 kg/day	0 mg/l	0 kg/day	3	
Phosphorus (as P), Total	7723-14-0	0 mg/1	0 kg/day	mg/l	kg/day	1	
Nitrogen, Total Kjeldahl		0 mg/1	0 kg/day	0 mg/l	0 kg/day	3	

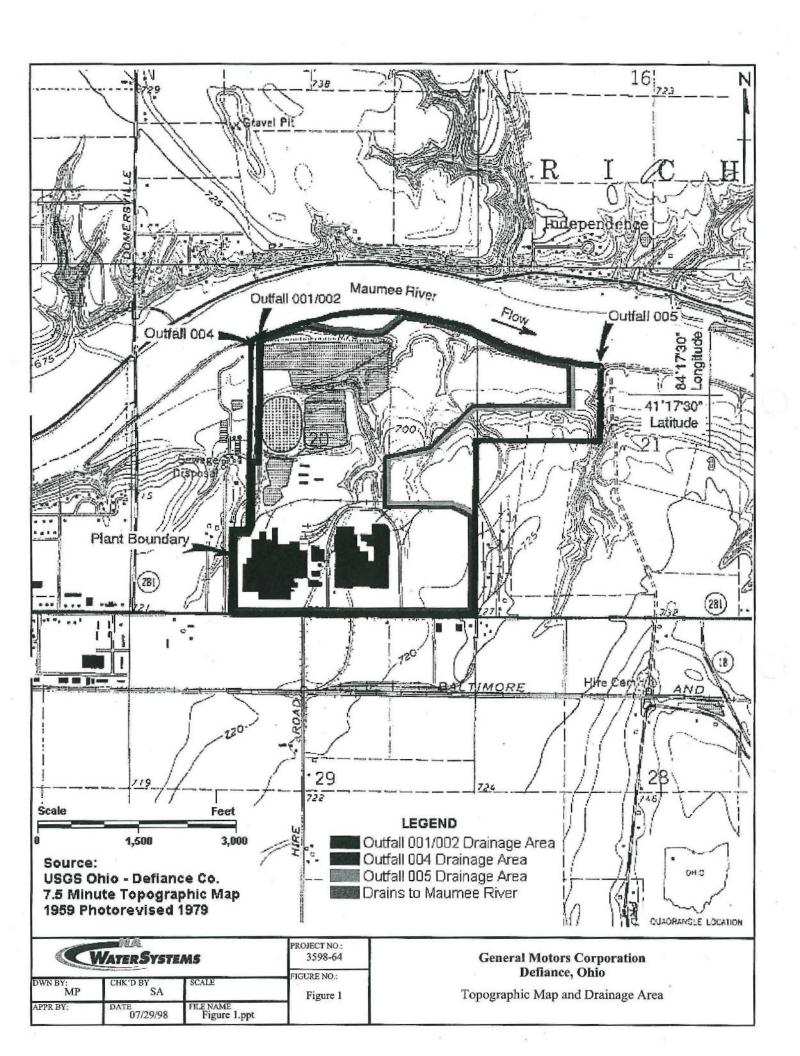
Part B - List each parameter that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. Press F1 for additional details and instructions.

	CAS	Maximum (include	units)	Average V (include u	Number of Storm		
Pollutant	Number	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Events Sampled	Sources of Pollutants
Arsenic, Total (As)	7440382	0 mg/1	0 kg/day	0 mg/1	0 kg/day	3	
Barium Total (Ba)	7440393	0 mg/l	0 kg/day	0 mg/l	0 kg/day	3	
Cadmium, Total (Cd)		0 mg/1	0 kg/day	0 mg/l	0 kg/day	3	
Carbon, Total Organic (TOC)		8 mg/l	0 kg/day	7 mg/l	0 kg/day	3	
Chloride, Total		21 mg/l	1 kg/day	16 mg/l	1 kg/day	2	
Chromium, Total		0 mg/1	0 kg/day	0 mg/l	0 kg/day	3	
Copper, Total (Cu)		0 mg/l	0 kg/day	0 mg/1	0 kg/day	3	
Cyanide, Total		0 mg/l	0 kg/day	0 mg/1	0 kg/day	3	
Fluoride, Total (F)		2 mg/l	0 kg/day	2 mg/1	0 kg/day	3	
Iron, Total (Fe)	1	3 mg/l	0 kg/day	2 mg/1	0 kg/day	3	
Lead, Total (Pb)		0 mg/l	0 kg/day	0 mg/1	0 kg/day	3	
Magnesium, Total (Mg)	7439954	38 mg/l	1 kg/day	32 mg/1	1 kg/day	3	
Manganese, Total		0 mg/l	0 kg/day	0 mg/1	0 kg/day	3	
Mercury, Total (Hg)	7439976	0 mg/l	0 kg/day	0 mg/l	0 kg/day	3	
Nitrogen, Ammonia (NH3)	7664-41-7	0 mg/l	0 kg/day	0 mg/l	0 kg/day	3	
Phenolic 4AAP, Total		0 mg/l	0 kg/day	0 mg/1	0 kg/day	3	
Selenium, Total (Se)	7782492	0 mg/1	0 kg/day	0 mg/l	0 kg/day	3	
Silver, Total (Ag)		0 mg/l	0 kg/day	0 mg/1	0 kg/day	3	
Sulfate, (SO4)	14808798	85 mg/l	3 kg/day	80 mg/l	3 kg/day	3	
Zinc, Total (Zn)		0 mg/1	0 kg/day	0 mg/l	0 kg/day	3	

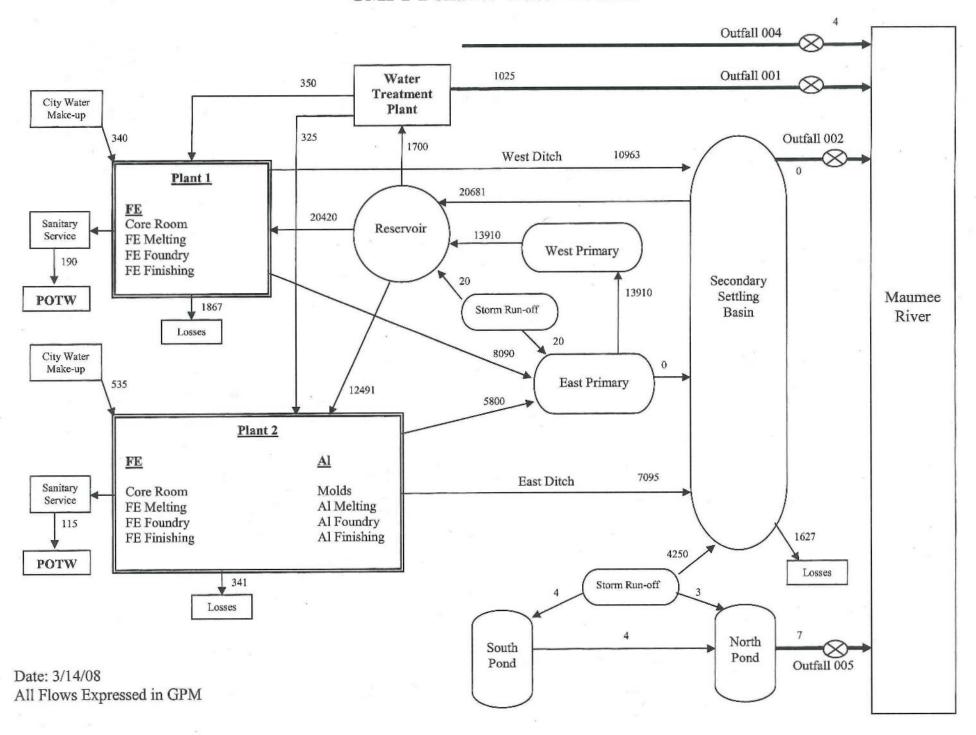
Part C - List each pollutant shown in Tables 2F-2, 2F-3, and 2F-4 that you know of have reason to believe is present. Press F1 for the tables and for additional details and

requirements. Complete one table for each outfall.

- 7	CAS		Maxim. (include d	alues units)		Ave. V: (include u	Number of Storm	Sources of Pollutants	
Pollutant	Number		Grab Sample Taken During First 20 Minutes		Flow- d Composite	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite		Sampled
Aluminum, Total	7429-90-5	0	mg/l	0	kg/day	mg/1	kg/day	1	
Boron, Total	7440-42-8	0	mg/l	0	kg/day	mg/l	kg/day	1	
Color		10	mg/l		kg/day	mg/l	kg/day	1	



GMPT Defiance Water Balance







DIVISION OF SURFACE WATER

Page 1

Antidegradation Addendum

In accordance with Ohio Administrative Code 3745-1-05 (Antidegradation), additional information may be required to complete your application for a permit to install or NPDES permit. For any application that may result in an increase in the level of pollutants being discharged (NPDES and/or PTI) or for which there might be activity taking place within a stream bed, the processing of the permit(s) may be required to go through procedures as outlined in the antidegradation rule. The rule outlines procedures for public notification and participation as well as procedures pertaining to the levels of review necessary. The levels of review necessary depend on the degradation being considered/requested. The rule also outlines exclusions from portions of the application and review requirements and waivers that the Director may grant as specified in Section 3745-1-05(D) of the rule. Please complete the following questions. The answers provided will allow the Ohio EPA to determine if additional information is needed. All projects that require both an NPDES and PTI should submit

ooth	applications	simultaneously to avoid going through the antidegradation process
separa	ately for eac	ch permit.
A.	Applicant:_	General Motors Powertrain Stiance MANT
	Facility Own	ner: General Motors Corporation
	Facility Lo	cation (city and county):
	Application	or Plans Prepared By: JAh White
	Project Name	=: WMES Kenewal
	NPDES Permi	t Number (if applicable): 2IN 00004 FHA
в.		tion Applicability
	Is the appl:	ication for? (check as many as apply):
		Application with no direct surface water discharge (Projects that do not meet the applicability section of 3745-1-05(B)1, i.e., on-site disposal, extensions of sanitary sewers, spray irrigation, indirect discharger to POTW, etc.). (Complete Section E)
	V	AND
		Renewal NPDES application or PTI application with no requested increase in loading of currently permitted pollutants. (Complete Section E, Do not complete Sections C or D).
	**************************************	PTI and NPDES application for a new wastewater treatment works that will discharge to a surface water. (Complete Sections C and E)
		An expansion/modification of an existing wastewater treatment works discharging to a surface water that will result in any of the
		following (PTI and NPDES): (Complete Sections C and E) addition of any pollutant not currently in the discharge, or
		an increase in mass or concentration of any pollutant
	i.	currently in the discharge, or
		an increase in any current pollutant limitation in terms of mass or concentration.

sewer service outlined in state or local water quality management planning documents and applicable facility planning documents.

- b. List and describe all government and/or privately sponsored conservation projects that may have been or will be specifically targeted to improve water quality or enhance recreational opportunities on the affected water resource.
- c. Provide a brief description below of all treatment/disposal alternatives evaluated for this application and their respective operational and maintenance needs. (If additional space is needed please attach additional sheets to the end of this addendum).

Preferred design alternative:

Non-degradation alternative(s):

Minimal degradation alternative(s):

Mitigative technique/measure(s):

At a minimum, the following information must be included in the report for each alternative evaluated.

- d. Outline of the treatment/disposal system evaluated, including the costs associated with the equipment, installation, and continued operation and maintenance.
- e. Identify the substances to be discharged, including the amount of regulated pollutants to be discharged in terms of mass and concentration.
- f. Describe the reliability of the treatment/disposal system, including but not limited to the possibility of recurring operation and maintenance difficulties that would lead to increased degradation.
- g. Describe any impacts to human health and the overall quality and value of the water resource.
- h. Describe and provide an estimate of the important social and economic benefits to be realized through this proposed project. Include the number and types of jobs created and tax revenues generated.
- i. Describe environmental benefits to be realized through this proposed project.
- j. Describe and provide an estimate of the social and economic benefits that may be lost as a result of this project. Include the impacts on commercial and recreational use of the water resource.

NTINUED FROM THE FRONT							
1. SIC CODES (4-digit, in order of priority)						100	
(specify)			(specify)		B. SECOND		
321 Grey Iron Foundry		3315	Alumin	ım Casti	ng Found	dry	
C. THIRD			(specify)		b. FOURTH		
(specify)			(4,44,7))			V.	2.
III. OPERATOR INFORMATION	WEST THEFT		118	THE SECTION		WAS TO	WEST SERVICE
	A NAME						B. is the name listed in
eneral Motors Coporation;	Thomas Neelands	3					Item VIII-A also the owner? Yes No
C, STATUS OF OPERATOR (Enser the appropriate letter into	the answer box: U"Other", specify.)						PHONE (unus code di no.)
F = FEDERAL M = PUBLIC (other than S = STATE O = OTHER (specify) P = PRIVATE	i federal or state)	(spec(fy)		*,		(24	8) 753-4296
É. STREET OR P.O. BOX							
000 Centerpoint Parkway							
F. CITY OR TOWN		G. STAT	е Н.	, ZIP ÇDDE	IX. INDIAN	LAND	
Pontiac		MI	483	141	s this facil	ity located No	on Indian lands?
ISTING ENVIRONMENTAL PERMITS		50 4 1 5 TO 50		1. 1. 1. 1. 1. 1.			
A. NPDES (Discharges to surface water)	D. PSD (Air emissions	from proposed sources)					
2IN00004*HD	03-20-01-0001						
B. UIC (Underground injection of fluids)	E OTHER (s)	pecify)					
N/A	Land Fill L	icense	Solid	1 Waste	Facility	y Lice	ense Class III
C. RCRA (Huzunlous wasse)	F. OTHER (4)						
OHD005050273	NA		(specify)				
U. MAP		A TOWN				- N. 1875	B. W. C.
Attach to this application a topographical mine outline of the facility, the location of each treatment, storage, or disposal facilities, an water bodies in the map area. See instruction	h of its existing and prop d each well where it injec	osed Intake and di cts fluids undergrou	scharge stru	ctures, each	of its hazard vers, and off	lous was	te .
(II. NATURE OF BUSINESS (provide a brief de	scription)						
duction facility for mater automotive and industr	nufacture of al ial uses.	luminum, gre	ey, mall	eable,	and nodu	ılar i	ron castings
XIII. CERTIFICATION (see instructions)				Weight F	- 100		
I certify under penatly of law that I have pen	cocally examined and an	n famimile's with the	information	submitted in	this applies	ion and i	all
ettachments and that, based on my inquiry of application, I believ that the information is tr false information, including the possibility of	of those persons immedia ue, accurate, and comple	ately responsible f	or obtaining t	he Informatio	on contained	in the	aer
NAME & OFFICIAL TITLE (type or print)	X	B. SIGNATURE		1.		O.	DATE SIGNED
Thomas W Neelands			man b	XU		0	03/27/2000
Global Director		علا	WALL OF THE PARTY	70			00/00/0000
COMMENTS FOR OFFICIAL USE ONLY	\$2454.18.244.1E	BANK HI SIMA			Charles and the		AVEST MADE IN

FORM U.S. ENVIRONMENTAL PROTECTION AGENCY APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER 2C EXISTING MANUFACTURING, COMMERCIAL, MINING, AND SILVICULTURAL OPERATIONS Consolidated Permits Program NPDES I. OUTFALL LOCATION For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water. B. LATITUDE C. LONGITUDE D. RECEIVING WATER NUMBER S. SEC. 1 2 MIN. Z MIN. 001 18 84 19 Maumee River 41 17 39 84 Maumee kiver 002 IB 004 84 005 41. 17 35 84 17 56 Maumee River II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures. B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater. cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary. Please view the Symmere tile for the regrested information. C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal? No No III. PRODUCTION A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility? YES (complete Item III-B) O NO (go to Section IV) g. Are the Imitations in the applicable effluent guideline expressed in terms of production [(or other measure of operation)? O YES (complete Item III-C) NO NO (go to Section IV) C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls. IV. IMPROVEMENTS A. Are you now required by any Federal, State, or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions. O YES (complete the following table) NO (go to Item IV-B)

B. OPTIONAL: You may attach additional sheets describing any additional water pollution prevention control programs (or other environmental projects which may affect your discharges) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or olanned schedules for construction. MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED

V. INTAKE AND EFFLUENT CHARACTERISTICS

EPA I.D. NUMBER (copy from Hon 1 of Form 1)

Form Approved. OMB No. 2040-0086. Approval expires 3-31-98.

Please print or type in the unahaded areas only.

2C NPDES

U.S. ENVIRONMENTAL PROTECTION AGENCY APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE OPERATIONS

Consolidated Permits Program

1. DEG.	2 MIN.	a. SEC.	1. DEG.	2. MIN.		D. RECEIVING WATER (name)
					\$. 8EC.	B. Tacocitino MATER (Maine)
	- 1					
						- (

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

- A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the affluent, and treatment units labeled to correspond to the more detailed descriptions in liem B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for codein mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.
- 8. For each outfall, provide a description of (1) All operations contributing wastewater to the efficient, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1. OUT-	2. OPERATION(S) CON	TRIBUTING FLOW	3. TREATME	۱۲
FALL NO. (har)	a. OPERATION (list)	b. AVERAGE FLOW (include units)	a. DESCRIPTION	b. LIST CODES F
001	Cupola cooling water	2 hgd		16
	Cupola emissions system			10
	Slurry system			10
	Dust collection			ZA.
	Core machine cooling		· · · · · · · · · · · · · · · · · · ·	25
	A/C condensate			ZJ
	Rvaporative cooler			916
	Make-up alr units		,	424
	Stormwater		1	>Q
	Core Box Cleaning			
	Dredging operation			
	Maint. parts cleaning steam booth	***************************************	**************************************	
	Plant 1 core dip			
	Cold hox tool cleaning			
	turu containut aleaning			
	Floor washdowns			-
	Landfill leachate s pumping station			
	Tool Cleaning			

EPA I.D. NUMBER (copy from Bam 1 of Form 1)

Form Approved. OMB No. 2040-0086, Approval expires 3-31-98.

Please print or type in the unshaded areas only.

2C SEPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE OPERATIONS
Consolidated Parmits Program

NPDES							Consolidated Permit	ts Program
I. OUTFALL LO	CATION	1						
For each outto	II, first the la	stitude and	longitude of i	ts location to	the nearest 1	5 seconds an	d the name of the re-	celving water.
A OUTFALL N	LUMBER		B. LATITUDI			LONGITUE	E	
(Het)			3, SEC.	f. DEG.	2. MIN.	S. SEC.	D. RECEIVING WATER (name)	
-								
	-1							4.11 86-
II. FLOWS, SO	URCES O	F POLLUT	ION, AND TE	REATMENT T	ECHNOLOGI	ES	A STATE OF THE STA	
A. Attach a lin	nowanh e	showing th	e water flow	through the fa	scility, Indicate	sources of i	ntake water, operatio	ons contributing wastewater to the offluent, and treatment units

labeled to correspond to the more detailed descriptions in item 8. Construct a water balance on the line drawing by showing awarage flows between intakes, operations, teatment units, and outfalls. If a water balance cannot be defermined (o.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water,

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1.001-	2. OPERATION(5) CON	TRIBUTING FLOW	3. TREATMEN	T .	
FALL NO. (11.91)	a, OPERATION (fist)	b. AVERAGE FLOW (include units)	a. DESCRIPTION	b. LIST CODES TABLE 20	
002	Cupcla cooling water	0 mgd		10	
	Cupola emissions system			10	
	Slurry system		The second secon	20	
	Dust collection			5K	
	Core machine couling		100 Theory ()	1A	
	A/C condensate				
	Preparative copies				
	Make-up air units				
	Stormater		WW.co-F		
	Core Box Cleaning				
	Dredging operation				
	Maint, parts cleaning steam booth		The state of the s		
	Plant 1 core dip				
	Cold box tool cleaning				
	Core sentainer cleaning .	T			
	Pleor washdowns				
	Landfill leachate & yumping station				
	Tool Cleaning				

	The state of the s				
			-,-		

EPA Form 3510-2C (8-90)

PAGE 1 of 4

CONTINUE ON REVERSE

		include units) of importous scuter	galbulani) ees	payed areas and building mofs) dri	sined to the pultall, and an e	stimete of the total auriace a
Outfall Number	Area of Impervious Sufface	Total Area Drained	Outlet			Yotal Area Drained (provide units)
101	88 ACTOR	1075 acres	004	1.5 acres on site	ursical	29 acres on site,several acre off site
097	88 acres	1075 ACTES	005	0 acres		27 acres
to ator	m water; method of treatment, stora water runoff; materials loading and a	ge, or disposal; past and pr	esent mater	als management practices an	aployed to minimize conf	tact by these materials
					1 2	
	4					
						81
desc	ription of the treatment the storm was	er receives, including the sc				
Outfall						List Codes fro
Number						Table 2F-1
001	operation, maint. parts of	raporative cooler, make leaning steam booth, pl	t 1 core	mits, stormwater, core b dip, cold box tool clea	ex cleaning, dredgi	ng ,58,4A,5Q,4C
V. Nonsi	cooling, a/c condensate, er operation, maint. parts el cleaning, floor washdowns, cleaning floor washdowns, commwater Discharges	raporative cooler, maki leaning steam booth, p landfill leachate & p	t 1 core	nisp,stormwater,core b dip,cold box tool clea ation,tool cleaming	ox cleaning, dredgi ming, core contains	,58,4A.5Q.4C
V. Nonsi	cooling, a/c condensate, er operation, maint. parts el cleaning, floor washdowns, formwater Discharges ify under penalty of isw hat the outla termwater discharged from these outlands.	reporative cooler, make learning steam booth, plandfill learnate & pland	the 1 core	nits, stormwater, core b dip, cold box tool clea ation, tool cleaming	ox cleaning, dredgi ming, core contains presence of nonstormwo presence of nonstormwo presence of nonstormwo presence of nonstormwo	,58,4A.5Q.4C
V. Nonsi	cooling, a/c condensate, er operation, maint. parts el cleaning, floor washdowns, formwater Discharges ify under penalty of isw hat the outla termwater discharged from these outlands.	reporative cooler, make learning steam booth, pl landfill learnhate & p	the 1 core	nits, stormwater, core b dip, cold box tool clea ation, tool cleaming	ox cleaning, dredgi ming, core contains presence of nonstormwo presence of nonstormwo presence of nonstormwo presence of nonstormwo	,58,4A.5Q.4C
A. I cert	cooling, a/c condensate, er operation, maint. parts el cleaning, floor washdowns, formwater Discharges ify under penalty of isw hat the outla termwater discharged from these outlands.	reporative cooler, make learning steam booth, plandfill learnate & pland	the 1 core	nits, stormwater, core b dip, cold box tool clea ation, tool cleaming	ox cleaning, dredgi ming, core contains presence of nonstormwo presence of nonstormwo presence of nonstormwo presence of nonstormwo	,58,4A.5Q.4C
V. Nonsi	cooling, a/c condensate, er operation, maint. parts el cleaning, floor washdowns, formwater Discharges ify under penalty of isw hat the outla termwater discharged from these outlands.	reporative cooler, make leaning steam booth, plandfill leachate & plandf	the 1 core	nits, stormwater, core b dip, cold box tool clea ation, tool cleaming	ox cleaning, dredgi ming, core contains presence of nonstormwo presence of nonstormwo presence of nonstormwo presence of nonstormwo	,58,4A.5Q.4C
A. I cort nons' Name and	Area of Impervious Butters Secretary 1075 acres 1004 1.5 scres on extents 1.5 scres 1.5 scres on extents 1.5 scres 1.5		,58,4A,5Q,4C			
A. I cert nons Name and	cooling, w/c condensate, to operation, maint. parts of cleaning, floor washdowns, floor washdowns, formwater Discharges ify under penalty of law hat the outlater than the could be community of law hat the outlater washdown the could be considered from these outliness of the could be considered from the c	reporative cooler, make learning steam booth, plandfill learnate & pland	to 1 core to 1 core pumping st	nisp, stormwater, core bedip, cold box tool cleaning action, tool cleaning entested or evaluated for the mying Form 2C or From 2E app	ox cleaning, dredgining, core contains presence of nonstamwantication for the outfall. Determined the contains of the contai	,58,4A,5Q,4C
A. I cort nons' Name and	cooling, w/c condensate, to operation, maint. parts of cleaning, floor washdowns, floor washdowns, formwater Discharges ify under penalty of law hat the outlater than the could be community of law hat the outlater washdown the could be considered from these outliness of the could be considered from the c	reporative cooler, make learning steam booth, plandfill learnate & pland	to 1 core to 1 core pumping st	nisp, stormwater, core bedip, cold box tool cleaning action, tool cleaning entested or evaluated for the mying Form 2C or From 2E app	ox cleaning, dredgining, core contains presence of nonstamwantication for the outfall. Determined the contains of the contai	,58,4A,5Q,4C
A. I cort nons' Name and	cooling, w/c condensate, to operation, maint. parts of cleaning, floor washdowns, floor washdowns, formwater Discharges ify under penalty of law hat the outlater than the could be community of law hat the outlater washdown the could be considered from these outliness of the could be considered from the c	reporative cooler, make learning steam booth, plandfill learnate & pland	to 1 core to 1 core pumping st	nisp, stormwater, core bedip, cold box tool cleaning action, tool cleaning entested or evaluated for the mying Form 2C or From 2E app	ox cleaning, dredgining, core contains presence of nonstamwantication for the outfall. Determined the contains of the contai	,58,4A,5Q,4C
A. I cort nons' Name and	cooling, w/c condensate, to operation, maint. parts of cleaning, floor washdowns, floor washdowns, formwater Discharges ify under penalty of law hat the outlater than the could be community of law hat the outlater washdown the could be considered from these outliness of the could be considered from the c	reporative cooler, make learning steam booth, plandfill learnate & pland	to 1 core to 1 core pumping st	nisp, stormwater, core bedip, cold box tool cleaning action, tool cleaning entested or evaluated for the mying Form 2C or From 2E app	ox cleaning, dredgining, core contains presence of nonstamwantication for the outfall.	,58,4A,5Q,4C
A. I cert nons' Name and B. Provi	cooling, a/c condensate, er operation, saint. parts el cleaning, floor washdowns, iormwater Discharges ify under penalty of isw hat the outlatornwater discharged from these outlooms. Official Title (type or print) de a description of the method used,	reporative cooler, make learning steam booth, plandfill learnate & pland	to 1 core to 1 core pumping st	nisp, stormwater, core bedip, cold box tool cleaning action, tool cleaning entested or evaluated for the mying Form 2C or From 2E app	ox cleaning, dredgining, core contains presence of nonstamwantication for the outfall.	,58,4A,5Q,4C
Nonst A. I cert nonst Name and B. Provi VI. Signi Provide	arretive Description of Pollutant Sources re such outfall, provide an estable of the ever (include with) of importance customs (including provide areas and building ording drained in the outhall, and an estimate from the entire of the customs of		ster discharges, and the			
Nonst A. I cert nonst Name and B. Provi VI. Signi Provide	cooling, a/c condensate, er operation, saint. parts el cleaning, floor washdowns. commwater Discharges ify under penalty of law hat the outle formwater discharged from these outle of the control of the method used. de a description of the method used. ficant Leaks or Spills existing information regarding the hands of the control of the method used.	propertive cooler, make teaming steam booth, plandfill leachate & plandfill leachate of any testing, and the date of any t	the onsite of	anise, stormwater, core bedip, cold box tool cleaning ation, tool cleaning en tested or evaluated for the mying Form 2C or From 2E app ainage points that were directly exic or hazardous polkutants	presence of nonstammanication for the outfall. Date y observed during a test	ster discharges, and the
Nonst A. I cert nonst Name and B. Provi VI. Signi Provide	cooling, a/c condensate, er operation, saint. parts el cleaning, floor washdowns. commwater Discharges ify under penalty of law hat the outle formwater discharged from these outle of the control of the method used. de a description of the method used. ficant Leaks or Spills existing information regarding the hands of the control of the method used.	propertive cooler, make teaming steam booth, plandfill leachate & plandfill leachate of any testing, and the date of any t	the onsite of	anise, stormwater, core bedip, cold box tool cleaning ation, tool cleaning en tested or evaluated for the mying Form 2C or From 2E app ainage points that were directly exic or hazardous polkutants	presence of nonstammanication for the outfall. Date y observed during a test	ster discharges, and the
Nonst A. I cert nonst Name and B. Provi VI. Signi Provide	cooling, a/c condensate, er operation, saint. parts el cleaning, floor washdowns. commwater Discharges ify under penalty of law hat the outle formwater discharged from these outle of the control of the method used. de a description of the method used. ficant Leaks or Spills existing information regarding the hands of the control of the method used.	propertive cooler, make teaming steam booth, plandfill leachate & plandfill leachate of any testing, and the date of any t	the onsite of	anise, stormwater, core bedip, cold box tool cleaning ation, tool cleaning en tested or evaluated for the mying Form 2C or From 2E app ainage points that were directly exic or hazardous polkutants	presence of nonstammanication for the outfall. Date y observed during a test	ster discharges, and the
Nonst A. I cert nonst Name and B. Provi VI. Signi Provide	cooling, a/c condensate, er operation, saint. parts el cleaning, floor washdowns. commwater Discharges ify under penalty of law hat the outle formwater discharged from these outle of the control of the method used. de a description of the method used. ficant Leaks or Spills existing information regarding the hands of the control of the method used.	propertive cooler, make teaming steam booth, plandfill leachate & plandfill leachate of any testing, and the date of any t	the onsite of	anise, stormwater, core bedip, cold box tool cleaning ation, tool cleaning en tested or evaluated for the mying Form 2C or From 2E app ainage points that were directly exic or hazardous polkutants	presence of nonstammanication for the outfall. Date y observed during a test	,58,4A,5Q,4C
Nonst A. I cert nonst Name and B. Provi VI. Signi Provide	cooling, a/c condensate, er operation, saint. parts el cleaning, floor washdowns. commwater Discharges ify under penalty of law hat the outle formwater discharged from these outle of the control of the method used. de a description of the method used. ficant Leaks or Spills existing information regarding the hands of the control of the method used.	propertive cooler, make teaming steam booth, plandfill leachate & plandfill leachate of any testing, and the date of any t	the onsite of	anise, stormwater, core bedip, cold box tool cleaning ation, tool cleaning en tested or evaluated for the mying Form 2C or From 2E app ainage points that were directly exic or hazardous polkutants	presence of nonstammanication for the outfall. Date y observed during a test	atter discharges, and the
Nonst A. I cert nonst Name and B. Provi VI. Signi Provide	cooling, a/c condensate, er operation, saint. parts el cleaning, floor washdowns. commwater Discharges ify under penalty of law hat the outle formwater discharged from these outle of the control of the method used. de a description of the method used. ficant Leaks or Spills existing information regarding the hands of the control of the method used.	propertive cooler, make teaming steam booth, plandfill leachate & plandfill leachate of any testing, and the date of any t	the onsite of	anise, stormwater, core bedip, cold box tool cleaning ation, tool cleaning en tested or evaluated for the mying Form 2C or From 2E app ainage points that were directly exic or hazardous polkutants	presence of nonstammanication for the outfall. Date y observed during a test	,58,4A,5Q,4C
A. I cert nons' Name and B. Provi	cooling, a/c condensate, er operation, saint. parts el cleaning, floor washdowns. commwater Discharges ify under penalty of law hat the outle formwater discharged from these outle of the control of the method used. de a description of the method used. ficant Leaks or Spills existing information regarding the hands of the control of the method used.	propertive cooler, make teaming steam booth, plandfill leachate & plandfill leachate of any testing, and the date of any t	the onsite of	anise, stormwater, core bedip, cold box tool cleaning ation, tool cleaning en tested or evaluated for the mying Form 2C or From 2E app ainage points that were directly exic or hazardous polkutants	presence of nonstammanication for the outfall. Date y observed during a test	ster discharges, and the
A. I cert nons' Name and B. Provi	cooling, a/c condensate, er operation, saint. parts el cleaning, floor washdowns. commwater Discharges ify under penalty of law hat the outle formwater discharged from these outle of the control of the method used. de a description of the method used. ficant Leaks or Spills existing information regarding the hands of the control of the method used.	propertive cooler, make teaming steam booth, plandfill leachate & plandfill leachate of any testing, and the date of any t	the onsite of	anise, stormwater, core bedip, cold box tool cleaning ation, tool cleaning en tested or evaluated for the mying Form 2C or From 2E app ainage points that were directly exic or hazardous polkutants	presence of nonstammanication for the outfall. Date y observed during a test	ater discharges, and the

. Mart	itive Description of Pollutan	t Sources			
	ich cuttall, provide an estimate of the area (i of by the outfall.	nelude units) of Importaus surge	ese (Incinqua) i	alfue and building more) drained to the seems bever	II, and an extimate of the total surface
Outfall	Arca of Imporvious Surface (provide units)	Total Area Drained (provide units)	Outfall	Area of Impervious Surface (provide units)	Total Ares Draine (provide units)
01	88 acres	1075 acres	004	1.5 acres on site	29 mores on site, several ac off site
S	88 acres	1075 acres	005	0 acres	27 acres
applie	-d.		1		
desc	ription of the treatment the storm water y solid or fluid vastes other than by di or Storm water ditch on west pump first flush of storm	er receives, including the so scharge. end of preperty to events into the pro-	Treatment	nonstructural control measures to reduce p ype of maintenance for control and treatmen a a pump statical designed to capta for on northeast corner of proper	List Codes fr Table 2F-
v.=	tormwater Discharges	in Table 14, 14,055 pm	in to it.	of the morning country of property	.y 10,44
Nons		-	iaa bma ba	an tested or evaluated for the presence of n	onstormwater discharges, and ti
A. I cer	tify under penalty of law hat the outfal			nying Form 2C or From 2E application for the	
A. I cer	tify under penalty of law hat the outfal			nying Form 2C or From 2E application for the	
A. I cer	tify under penalty of law hat the outfal stormwater discharged from these outf	all(s) are identified in either		nying Form 2C or From 2E application for the	outfall.
A. I cer	tify under penalty of law hat the outfal stormwater discharged from these outf	all(s) are identified in either		nying Form 2C or From 2E application for the	outfall.
A. I cer non: arne an	fify under penalty of law hat the outfal stormweter discharged from these outf d Official Title (type or print)	aft(s) are identified in either Signature	an accompa	nying Form 2C or From 2E application for the	Date Signed
A. I cer non: ame an	fify under penalty of law hat the outfal stormweter discharged from these outf d Official Title (type or print)	aft(s) are identified in either Signature	an accompa		Date Signed
A. I cer non: ame an	fify under penalty of law hat the outfal stormweter discharged from these outf d Official Title (type or print)	aft(s) are identified in either Signature	an accompa		Date Signed
A. I cer non: ame an	fify under penalty of law hat the outfal stormweter discharged from these outf d Official Title (type or print)	aft(s) are identified in either Signature	an accompa		Date Signed

NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered V-1 through V-9.

Use the space below to list any of the pollutants listed in Table 2c-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

				And And		
I. POTENTIAL	DISCHARGES	S NOT COVERED BY ANA	LYSIS			
any poliutant lis	sted in Item V-	C a substance or a compor	ent of a substance wh	ich you currently us	se or manufacture as an	intermedalte or final product or
/product?	O YES	(list all such pollutants below)		● NO	(go to Item VI-B)	
					7,500,000,000,000,000	
'II. BIOLOGICA	L TOXICITY T	ESTING DATA	THE STREET	RETURNS IN		
o you have any celving water in	knowledge or relation to you	reason to believe that any bur discharge within the last	piological test for acute 3 years?	or chronic toxicity	has been made on any o	of your discharges or on a
	● YES	(identify the test(s) and describ	ne their purposes below)	O NO	(go to Section VIII)	
sults of the	e testing i environmen mental Con an Ave. 9236	PDES permit, the plandicate that the plandicate that the plandicate that the plandicate to be sulting, LLC	nt effluent is la	ss than 1.0 TT	Ta and less than 1.	.0 TUC. The plant has used 's NPDES requirements
III. CONTRACT	T ANAYLSYS	INFORMATION	AND AND AND ASSESSMENT		***************************************	
fere any of the a	anayises repor	ted in Item V performed by (list the name, address, and te- analyzed by, each such labora	sphone number of, and polls		(go to Section IX)	
A.	NAME		B. ADDRESS		C. TELEPHONE	1
st America		4101 Shuffel D	rive NW		(330) 497-9396	1
		North Canton	ОН	44720-		
				-44720-		
X. CERTIFICAT	ION			an - Via - Markey	Acres de la constante de la co	
issure that qualified hose persons direct	d personnel prop atly responsible f	is document and all attachments perly gather and evaluate the inf for gathering the information, the t penalties for submitting false in	formation submitted. Beast a information submitted is.	ed on my inquiry of the to the best of my know	i person or persons who mai viedge and belief, true, accur	nage the system or rate, and complete
ME & OFFICI	AL TITLE (type o	or print)			B. PHONE N	IQ. (areu code & no.)
Thoma	S W.	Neclandsa.	Global	Director	a48-7	53-4296
. SIGNATURE	W ()	Mann H-II	P .05.2	C Calman	D. DATE SIG	SNED 7/1/008

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

			2. E	FFLUENT				3. UNI	TS	4.	. INTAKE	227
1. POLLUTANT	a. MAXIMUM DA	ILY VALUE	b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF	(specify if		a. LONG TERM AV	ERAGE VALUE	d. NO. OF
1.11022017441	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Biochemical Oxygen Demand (BOD)	14	127.87					1	mg/l	kg/day			
Chemical Oxygen Demand (COD)	42.2	385.44					1	mg/l	kg/day			
Total Organic Carbon (TOC)	35	319.67					1	mg/l	kg/day			
Total Suspended Solids (TSS)	25	182.79			5.8	33.95	43	mg/l	kg/day	13.33		42
Ammonia (as N)	26	190.37			8.7	51.01	44	mg/l	kg/day	8.5		42
Flow	2.5				1.5	55	44	mgd	kg/day			
Temperature (Winter)	6				9.4	4	14	°C				
Temperature (Summer)	26				23.	.3	10	°C				
рН	7.7		i i				44	Standard	Units			

PART B - Mark 'X' in column 2-a for each pollutant you know or have reason to believe is present. Mark 'X' in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See instructions for additional details and requirements.

					FFLUENT			47	3. UN	ITS	4	. INTAKE	
1. POLLUTANT	2. PRE- SENT	NT .		b. MAXIMUM 30 (if availab	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AV	ERAGE VALUE	d. NO. OF
1.1 02201741	7	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Bromide	X	.9	8.22					1	mg/l	kg/day			
Chlorine, Total Residual	X	.03	.09			.003	.02	44	mg/l	kg/day	.023		42
Color	X	11			***************************************			1	mg/l	kg/day			
Fecal Coliform		6	54.8					1	mg/l	kg/day			
Fluoride		17.9	163.49					1	mg/l	kg/day			
Nitrate-Nitrate (as N)		.8	7.31					1	mg/l	kg/day			
Nitrogen, Total Organic (as N)		3	27.4					1	mg/l	kg/day			
Oil and Grease									mg/l	kg/day	0		42
Phosphorus (as P), Total	X	.11	1					1	mg/l	kg/day			
Radioactivity:(1) Alpha, Total									mg/l	kg/day			
Radioactivity:(2) Beta, Total									mg/l	kg/day			
Radioactivity:(3) Radium, Total							Water Committee of the		mg/l	kg/day			
Radioactivity:(4) Radium 226, Total	15								mg/l	kg/day			
Sulfate (as SO4)		181	1653.17					1	mg/l	kg/day			
Sulfide (as S)	ī								mg/l	kg/day		0 10000	
Sulfite (as SO3)	TH							****	mg/l	kg/day		3-1-00	
Surfactants	ini								mg/l	kg/day			
Aluminum, Total	iFi		1511	+					mg/l	kg/day			
Barium, Total	T			8-1		1,000			mg/l	kg/day			1

*				2. E	FFLUENT				3. UN	ITS	4.	INTAKE	
1. POLLUTANT	PRE- SENT	a. MAXIMUM D.	AILY VALUE	b. MAXIMUM 30 l	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AVI	ERAGE VALUE	d. NO. OF
	7	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Boron, Total		.436	3.98					1	mg/l	kg/day			
Cobalt, Total									mg/l	kg/day			
Iron, Total		.349	3.19					1	mg/l	kg/day			
Magnesium, Total		13.5	123.3					1	mg/l	kg/day			
Molybdenum, Total		74.2	.60			49.34	.29	5	ug/l	kg/day	66.03		4
Manganese, Total		.78	7.12				100	1	mg/l	kg/day			
Tin, Total									mg/l	kg/day			
Titanium, Total	그님					†			mg/l	kg/day			

PART C - If you are primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark 'X' in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and non required GC/MS fractions), mark 'X' in column 2-b for each pollutant you know or have reason to believe is present. Mark 'X' in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2, 4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table for each outfall. See instructions for additional details and requirements.

					FFLUENT				3. UN	ITS		4. INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM D	AILY VALUE	b. MAXIMUM 30 (if availal	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AV	/ERAGE VALUE	d. NO. OI
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	3	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
Metals, Cyanids, and Total	Phenois												
Antimony, Total									ug/l	kg/day	2.5		4
Arsenic, Total									mg/l	kg/day		P11	
Beryllium, Total	Ti		- /			2			mg/l	kg/day			
Cadmium, Total				1					ug/l	kg/day	0		4
Chromium, Total									mg/l	kg/day			
Copper, Total									ug/l	kg/day	2.27		42
Lead, Total		17.1	.12	1		3.58	.02	44	ug/l	kg/day	12.25		42
Mercury, Total		.71	5.63	1		.26	1.51	5	mg/l	kg/day	1		
Nickel, Total									mg/l	kg/day			
Selenium, Total	$\neg \exists \exists i$								mg/l	kg/day			
Silver, Total						1		1	mg/l	kg/day			
Thallium, Total	거리								mg/l	kg/day			
Zinc, Total		156	1.21			56.11	.33	44	ug/l	kg/day	162.6		42
Cyanide, Total		.02	.12			.003	.02	5	mg/l	kg/day	.003		4
Phenois, Total		170	1.55			17.61	.10	44	ug/1	kg/day	17.67		42
Dioxin				-	-141								
2,3,7,8-Tetrachlorodibenzo-P-D	ioxin			1					mg/l	kg/day			
GC/MS Fraction - Volatile C	Compound	ds						-					ole constant
Acrolein									mg/l	kg/day		-	
Acrylonitrile							-		mg/l	kg/day			1
Benzene									mg/1	kg/day			1

	2			2. E	FFLUENT				3. UN			4. INTAKE	_
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM DA	ILY VALUE	b. MAXIMUM 30 (if availab	DAY VALUE	c, LONG TERM (if avai	AVRG. VALUE lable)	d. NO. OF	(specify		a. LONG TERM A		d. NO. OF
1.1 0220 11111		(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
GC/MS Fraction - Volatile Co	ompound	is							a to the state of the state of				
Bis (Chloromethyl) Ether									mg/l	kg/day		non-service and property	3
Bromoform								,	mg/l	kg/day			
Carbon Tetrachloride									mg/l	kg/day			
Chlorobenzene									mg/l	kg/day			
Chlorodibromomethane									mg/l	kg/day			
Chloroethane									mg/l	kg/day			
2-Chloroethylvinyl Ether									mg/l	kg/day			
Chloroform									mg/l	kg/day			
Dichlorobromomethane	ㅋㅠ								mg/l	kg/day			
Dichlorodiflouromethane									mg/l	kg/day			
1,1-Dichloroethane	HH								mg/l	kg/day			
1,2-Dichloroethane									mg/l	kg/day			
1,1-Dichloroethylene	거급								mg/l	kg/day			
1,2-Dichloropropane	러급								mg/l	kg/day			
1,3-Dichloropropylene									mg/l	kg/day			
Ethylbenzene									mg/l	kg/day			1
Methyl Bromide	러금								mg/1	kg/day			1
Methyl Chloride	러남					1			mg/l	kg/day			
Methylene Chloride	러남								mg/1	kg/day			
1,1,2,2-Tetrachloroethane	커뮤								mg/l	kg/day			
Tetrachloroethylene	커늄	-						1	mg/l	kg/day			
Toluene	러남								mg/l	kg/day			
1,2-Transdichloroethylene	러남						aristorium -		mg/l	kg/day			
1,1,1-Trichloroethane									mg/l	kg/day			-
1,1,2-Trichloroethane	러남	-							mg/l	kg/day			
Trichloroethylene	႕남								mg/l	kg/day			
Trichlorofluoromethane	러님		-	1					mg/l	kg/day		-	†
Vinyl Chloride	ᅴ님				-				mg/l	kg/day			
GC/MS Fraction - Acid Comp	pounds												
2-Chlorophenol		T		T					mg/l	kg/day			
2,4-Dichlorophenol									mg/l	kg/day			
2,4-Dimethyphenol	러남							-	mg/l	kg/day			
1,6-Dinitro-O-Cresol									mg/l	kg/day			
2,4-Dinitrophenol	닉¦						_		mg/l	kg/day			+
2-Nitrophenol	᠆┤;;}			-					mg/l	kg/day			+
4-Nitrophenol				1			1949 Tues	 	mg/l	kg/day	-	***	1
P-Chloro-M-Cresol									mg/1	kg/day			
Pentachlorophenol									mg/l	kg/day			-
Phenol				-					mg/l	kg/day			
2,4,6-Trichlorophenol						-			mg/1	kg/day			+
4 To Tromorophenoi								L		J	General Moto		1

*	2				FFLUENT				3. UN		4	I. INTAKE	
1. POLLUTANT	PRE- SENT	a. MAXIMUM DA	ILY VALUE	b. MAXIMUM 30 (if availal	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AV	ERAGE VALUE	d. NO. O
	?	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
GC/MS Fraction - Base/Neutral	Com	pounds											
Acenaphthene									mg/l	kg/day			
Acenaphtylene									mg/l	kg/day			1
Anthracene									mg/l	kg/day			
Benzidine									mg/l	kg/day			
Benzo (a) Anthracene									mg/l	kg/day			
Benzo (a) Pyrene									mg/l	kg/day			
Benzofluoranthene									mg/l	kg/day			
Benzo (ghi) Perylene	口								mg/1	kg/day			
Benzo (k) Fluoranthene	Fi								mg/l	kg/day			
Bis (2-Chloroethoxy) Methane	Πħ								mg/l	kg/day			
Bis (2-Chloroethyl) Ether	TI								mg/l	kg/day			
Bis (2-Chlorolsopropyl) Ether	H								mg/l	kg/day			
Bis (2-Ehtylhexyl) Phthalate	Fit				-				mg/l	kg/day			
-Bromophenyl Phenyl	H								. mg/1	kg/day			
Butyl Benzyl Phthalate	H			-					mg/1	kg/day			
2-Chloronaphthalene	낢			†					mg/l	kg/day			
-Chlorophenyl Phenyl Ether	H								mg/l	kg/day			
Chrysene	H		-						mg/l	kg/day			
Dibenzo (a,h) Anthracene	H۲					-			mg/l	kg/day			
,2,-Dichlorobenzene	H	-		-					mg/l	kg/day			
,3-Dicholorobenzene	H								mg/l	kg/day		-	-
,4-Dichlorobenzene	H		-	1					mg/l	kg/day	 		-
3,3-Dichlorobenzidine	H								mg/l	kg/day	1	-	
Diethyl Phthalate	H								mg/l	kg/day	-		-
Dimethyl Phthalate	H								mg/l	kg/day			
Di-N-Butyl Phthlate	H								mg/l	kg/day			-
2,4-Dinitrotoluene	片			-					mg/l	kg/day			-
2,6-Dinitrotoluene	H								mg/l	kg/day	-	1	-
Di-N-Octyl Phthalate				-					mg/1	kg/day	-		-
,2-Diphenylhydrazine (as Azobenzer	H							-	mg/l	kg/day			-
luoranthene	H			-		1			mg/l	kg/day	-		-
luorene	H			<u> </u>				-	mg/l	kg/day	1		-
lexachlorobenzene	井					-			mg/l	kg/day			-
	밁							-	mg/l	kg/day			-
Hexachlorobutadiene	닏								mg/l	kg/day			-
lexachlorocyclopentadiene	닏												-
Hexachloroethane		-							mg/l	kg/day			
ndeno (1,2,3-cd) Pyrene									mg/1	kg/day			-
sophorone									mg/l	kg/day			
Vapthalene									mg/l	kg/day			

3.00	2				EFFLUENT				3. UN			4. INTAKE	4
1. POLLUTANT	PRE- SENT	a. MAXIMUM DA	ILY VALUE	b. MAXIMUM 30 (if availa	DAY VALUE	c. LONG TERM	AVRG. VALUE	d. NO. OF	(specify if		a. LONG TERM A	VERAGE VALUE	d. NO. OF
1.1 OLLOTANT	3	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
GC/MS Fraction - Base/Neur	ral Con	npounds											
N-Nitrosodimethylamine									mg/l	kg/day			
N-Nitrosodi-N-Propylamine	一一								mg/l	kg/day			
N-Nitrosodiphenylamine									mg/l	kg/day			
Phenanthrene	一百								mg/l	kg/day			
Pyrene	ᄀᄀ								mg/l	kg/day			
,2,4-Trichlorobenzene	ᅥቨ								mg/l	kg/day			
GC/MS Fraction - Pesticides													
Aldrin				T					mg/l	kg/day			
Alpha-BHC	ᆖ								mg/l	kg/day			
Beta-BHC	$\dashv \exists$								mg/l	kg/day			
Samma-BHC	러님								mg/l	kg/day			•
Delta-BHC	ᅱ님								mg/l	kg/day			
Chlordane	러님								mg/l	kg/day			
,4-DDT	니님								mg/l	kg/day			
,4-DDE	\dashv			+					mg/1	kg/day			1
,4-DDD	$\dashv \exists$			+					mg/l	kg/day			
Dieldrin	러님			-		 			mg/l	kg/day			
Alpha-Endosulfan	러님								mg/l	kg/day			
Beta-Endosulfan	러		***		-				mg/l	kg/day			
Indosulfan Sulfate	러님		-			1		,	mg/1	kg/day			
ndrin	러님			+			-		mg/l	kg/day	1		1
Indrin Aldehyde	닉님								mg/l	kg/day			
leptachlor	러님			 	-	1		-	mg/l	kg/day			+
leptachlor Epoxide	니님		,						mg/l	kg/day			1
PCB-1242	닉님			+					mg/l	kg/day			1
PCB-1254	ᆛ片			1.		 			mg/l	kg/day			1
PCB-1221	니님	-		-		-		-	mg/l	kg/day			+
PCB-1232	니님							 	mg/1	kg/day			
PCB-1248	니님					+			mg/l	kg/day			1
PCB-1260	러님		-	-					mg/l	kg/day			-
PCB-1016	닉님								mg/l	kg/day			1
oxaphene									mg/l	kg/day			

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

			2. 8	EFFLUENT				3. UN	ITS	4	INTAKE	
1. POLLUTANT	a. MAXIMUM DA	ILY VALUE	b. MAXIMUM 30 (if availal	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AV	ERAGE VALUE	d. NO. OF
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Biochemical Oxygen Demand (BOD)) 16		1				1	mg/l	kg/day	7-		
Chemical Oxygen Demand (COD)	41.2						1	mg/l	kg/day			
Total Organic Carbon (TOC)	37			, C.,			1	mg/l	kg/day			
Total Suspended Solids (TSS)	12						1	mg/l	kg/day		7 - 2	
Ammonia (as N)	11				7.2		2	mg/l	kg/day			
Flow	4.5			-1			1	mgd	kg/day			
Temperature (Winter)	2.7						1	°C				
Temperature (Summer)	10.8	3					1	°C				
рН	7						2	Standard	Units	1		

PART B - Mark 'X' in column 2-a for each pollutant you know or have reason to believe is present. Mark 'X' in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutants. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See instructions for additional details and requirements.

	2			2,	EFFLUENT		3.00		3. UN		1	I. INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM DA	AILY VALUE	b. MAXIMUM 30 (if availa	DAY VALUE	c. LONG TERM A	AVRG. VALUE	d. NO. OF	(specify i		a. LONG TERM AV	ERAGE VALUE	d. NO. OF
	?	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
Bromide		.8						1	mg/l	kg/day			
Chlorine, Total Residual		.1						1	mg/l	kg/day			
Color	X	40						1	mg/l	kg/day		-	1
Fecal Coliform		2						1	mg/l	kg/day			
Fluoride		18						1	mg/l	kg/day			
Nitrate-Nitrate (as N)	\boxtimes	1						1	mg/l	kg/day			
Nitrogen, Total Organic (as N)	\boxtimes	4						1	mg/l	kg/day			
Oil and Grease	ini	-							mg/l	kg/day			
Phosphorus (as P), Total	\boxtimes	.5						1	mg/l	kg/day			
Radioactivity:(1) Alpha, Total	i								mg/l	kg/day			
Radioactivity:(2) Beta, Total	ī								mg/l	kg/day			
Radioactivity:(3) Radium, Total	ī								mg/l	kg/day			
Radioactivity:(4) Radium 226, Total	ī		-	1					mg/l	kg/day			
Sulfate (as SO4)	\boxtimes	186			-			1	mg/l	kg/day			
Sulfide (as S)	ī								mg/l	kg/day			
Sulfite (as SO3)	ī						7-7-7-7-7		mg/l	kg/day			-
Surfactants	ī								mg/l	kg/day			
Aluminum, Total		.4	-					1	mg/l	kg/day		-	
Barium, Total						1	-		mg/l	kg/day			

				2. [EFFLUENT				3. UN	TS	4	. INTAKE	
1. POLLUTANT	PRE- SENT	a. MAXIMUM DA	AILY VALUE	b. MAXIMUM 30 (if availal	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if		a, LONG TERM AV	ERAGE VALUE	d. NO. OF
	7	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Boron, Total		.5						1	mg/l	kg/day			
Cobalt, Total									mg/l	kg/day			
Iron, Total		2.4						1	mg/l	kg/day			
Magnesium, Total		14.9						1	mg/l	kg/day			
Molybdenum, Total									mg/l	kg/day			
Manganese, Total		1.2						1	mg/l	kg/day			
Tin, Total									mg/l	kg/day			
Titanium, Total									mg/1	kg/day			

PART C - If you are primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark 'X' in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and non required GC/MS fractions), mark 'X' in column 2-b for each pollutant you know or have reason to believe is present. Mark 'X' in column 2-c for each pollutant you believe is absent. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for acrolein, acrylonitrile, 2, 4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table for each outfall. See instructions for additional details and requirements.

					EFFLUENT				3. UN	ITS	4	. INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM DA	AILY VALUE	b. MAXIMUM 30 (if availal	DAY VALUE	c. LONG TERM A'	VRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AV	ERAGE VALUE	d. NO. OI
522517417	7	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
Metals, Cyanids, and Total Phe	nols					20-10-20-20-20-20-20-20-20-20-20-20-20-20-20			200,00				
Antimony, Total									mg/l	kg/day			
Arsenic, Total									mg/l	kg/day			
Beryllium, Total									mg/l	kg/day			
Cadmium, Total									mg/l	kg/day			
Chromium, Total									mg/l	kg/day			
Copper, Total		11.7				5.9		2	ug/l	kg/day			
_ead, Total	X	24.1				12.1		2	ug/l	kg/day			
Mercury, Total									mg/l	kg/day			4.0
Nickel, Total							,		mg/1	kg/day			
Selenium, Total									mg/l	kg/day			
Silver, Total	H			1					mg/l	kg/day			
Thallium, Total									mg/l	kg/day			
Zinc, Total	\boxtimes	1210		† · · · · · ·	-	893		2	ug/l	kg/day			
Cyanide, Total	X	.01						1	mg/l	kg/day			
Phenols, Total	X	.1						1	mg/l	kg/day			
Dioxin	-												
2,3,7,8-Tetrachlorodibenzo-P-Dioxin									mg/l	kg/day	T		T
GC/MS Fraction - Volatile Comp	ounc	is				4							
Acrolein									mg/l	kg/day			1
Acrylonitrile	F								mg/l	kg/day			1
Benzene	H								mg/l	kg/day			

POLLUTANT GC/MS Fraction - Volatile Con	PRE-			4 . 1	EFFLUENT				3. UN	113		4. INTAKE	
	SENT	a. MAXIMUM DA	AILY VALUE	b. MAXIMUM 30 (if availa	DAY VALUE	c. LONG TERM A	VRG, VALUE	d. NO. OF	(specify if		a. LONG TERM A	VERAGE VALUE	d. NO. OF
CC/MS Erection Volatile Con		(1) CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
GC/MS Fraction - Volatile Con				-									
Bis (Chloromethyl) Ether									mg/l	kg/day			
Bromoform									mg/l	kg/day			
Carbon Tetrachloride									mg/l	kg/day			
Chlorobenzene									mg/l	kg/day			
Chlorodibromomethane	ᄀᄀ								mg/l	kg/day			
Chloroethane		1							mg/1	kg/day			
2-Chloroethylvinyl Ether									mg/l	kg/day			
Chloroform	TH					-			mg/l	kg/day			-
Dichlorobromomethane									mg/l	kg/day			
Dichlorodiflouromethane	러금								mg/l	kg/day			
1,1-Dichloroethane	러님								mg/l	kg/day			
1,2-Dichloroethane	러님			1 -					mg/l	kg/day			
1,1-Dichloroethylene	러님	-		1			-		mg/l	kg/day			
1,2-Dichloropropane	러님			+					mg/l	kg/day			
1,3-Dichloropropylene	러남								mg/l	kg/day			1
Ethylbenzene	ᆛ片			+					mg/1	kg/day	1		-
Methyl Bromide	러님			-				-	mg/l	kg/day	1		-
Methyl Chloride	러님								mg/l	kg/day			-
Methylene Chloride	러님					1			mg/l	kg/day			
1,1,2,2-Tetrachloroethane	니님								mg/l	kg/day			-
Tetrachloroethylene	닉님						-		mg/1	kg/day			
Toluene	니님								mg/l	kg/day			-
1,2-Transdichloroethylene	႕님					+			mg/1	kg/day			-
1,1,1-Trichloroethane	닉님		THE WORLD	-		+			mg/l	kg/day	-		
1,1,2-Trichloroethane	႕님					-			mg/1	kg/day			
Trichloroethylene	닉님								mg/l	kg/day	-		-
Trichlorofluoromethane	닉님					-			mg/l	kg/day	-		-
Vinyl Chloride	닉님			-		-	-		mg/l	kg/day			-
GC/MS Fraction - Acid Compo	nunds	-							Mg/ I	ng/ day			
2-Chlorophenol				T T		T			mg/l	kg/day	T		
2,4-Dichlorophenol	ᆜ닏			-					mg/1	kg/day			-
2,4-Dimethyphenol	니님								mg/l	kg/day			-
4,6-Dinitro-O-Cresol	니님								mg/l	kg/day			-
	닉닏								mg/l	kg/day			
2,4-Dinitrophenol	닉닏!								mg/1	kg/day	-		-
2-Nitrophenol	니닏								mg/1				-
4-Nitrophenol	ᆜᆜ	<u></u>								kg/day			
P-Chloro-M-Cresol			-			+ +			mg/1	kg/day			-
Pentachlorophenol									mg/l	kg/day	1		
Phenol 2,4,6-Trichlorophenol									mg/l	kg/day kg/day			

	1				FFLUENT				3. UN		4	. INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM D.	AILY VALUE	b. MAXIMUM 30 l	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify i		a. LONG TERM AV	ERAGE VALUE	d. NO. OF
1. FOLLOTAIN		(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
GC/MS Fraction - Base/Neutral	Con	npounds											
Acenaphthene									mg/l	kg/day			
Acenaphtylene									mg/1	kg/day			
Anthracene									mg/l	kg/day			
Benzidine	\Box								mg/l	kg/day			
Benzo (a) Anthracene	ĺΠ								mg/l	kg/day			
Benzo (a) Pyrene	10								mg/l	kg/day			
Benzofluoranthene	īĒ								mg/l	kg/day			
Benzo (ghi) Perylene	ĺП								mg/1	kg/day			
Benzo (k) Fluoranthene	ÌП								mg/l	kg/day			
Bis (2-Chloroethoxy) Methane	ī								mg/l	kg/day			
Bis (2-Chloroethyl) Ether	ī								mg/l	kg/day			
Bis (2-Chloroisopropyl) Ether	īĦ								mg/l	kg/day			
Bis (2-Ehtylhexyl) Phthalate	in						III SII MARKANI	20	mg/l	kg/day			
1-Bromophenyl Phenyl	i								mg/l	kg/day			
Butyl Benzyl Phthalate	iH								mg/l	kg/day			
-Chloronaphthalene	iΞ								mg/l	kg/day			
-Chlorophenyl Phenyl Ether	H								mg/l	kg/day			
Chrysene	ī			 					mg/l	kg/day			
Dibenzo (a,h) Anthracene	H								mg/l	kg/day			
,2,-Dichlorobenzene	H								mg/l	kg/day			
,3-Dicholorobenzene	旨								mg/1	kg/day			
,4-Dichlorobenzene	H								mg/l	kg/day			
3,3-Dichlorobenzidine	H								mg/l	kg/day			
Diethyl Phthalate	H								mg/l	kg/day			
Dimethyl Phthalate	H								mg/l	kg/day			
Di-N-Butyl Phthlate	H								mg/l	kg/day			
2,4-Dinitrotoluene	눔		· · · · · · · · · · · · · · · · · · ·						mg/l	kg/day			
2,6-Dinitrotoluene	남								mg/l	kg/day			
Di-N-Octyl Phthalate	H							1	mg/l	kg/day			
,2-Diphenylhydrazine (as Azobenze	d H	i i						1	mg/l	kg/day			
Fluoranthene	H								mg/l	kg/day			
Fluorene	님								mg/1	kg/day			
Hexachlorobenzene	냅								mg/l	kg/day			
lexachlorobutadiene	님								mg/1	kg/day			
lexachlorocyclopentadiene	뭄								mg/1	kg/day			
Hexachloroethane	H								mg/l	kg/day			
ndeno (1,2,3-cd) Pyrene	긤								mg/l	kg/day			
sophorone	뭄								mg/l	kg/day			
Napthalene	님								mg/l	kg/day			
Nitrobenzene	님								mg/l	kg/day			
Outfall No. 202	لسال					Page V - 4						rs Powertrain D	DI

	2.			2.1	EFFLUENT				3. UN		4	4. INTAKE	
1. POLLUTANT	PRE- SENT	a. MAXIMUM DA	VILY VALUE	b. MAXIMUM 30 (if availa	DAY VALUE	c. LONG TERM A	AVRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AV	ERAGE VALUE	d. NO. OF
I. POLLOTANI	?	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
GC/MS Fraction - Base/Neu	utral Con	pounds											
N-Nitrosodimethylamine									mg/l	kg/day	1		
N-Nitrosodi-N-Propylamine									mg/l	kg/day			
N-Nitrosodiphenylamine		-					***************************************		mg/l	kg/day			
Phenanthrene	TIT								mg/l	kg/day			
Pyrene	一一								mg/l	kg/day			
1,2,4-Trichlorobenzene					-				mg/l	kg/day			
GC/MS Fraction - Pesticide	s							1					
Aldrin				T - T	7.00				mg/l	kg/day			1
Alpha-BHC	러디								mg/l	kg/day			
Beta-BHC	一日日								mg/l	kg/day			
Gamma-BHC	$\neg \neg$								mg/l	kg/day			
Delta-BHC	\dashv								mg/1	kg/day			
Chlordane	ᅴ금								mg/l	kg/dáy			
4,4-DDT									mg/l	kg/day			1
4,4-DDE	ᅥᅱ								mg/l	kg/day			
4,4-DDD	\dashv							- 7	mg/l	kg/day			
Dieldrin	一日								mg/l	kg/day			
Alpha-Endosulfan	ᅥቨ								mg/l	kg/day	3 .	6	
Beta-Endosulfan	$\neg \neg$								mg/l	kg/day			
Endosulfan Sulfate	러님								mg/l	kg/day			
Endrin									mg/l	kg/day			
Endrin Aldehyde	러님					 			mg/l	kg/day	1		
Heptachlor									mg/l	kg/day			
Heptachlor Epoxide	러드						,		mg/l	kg/day			
PCB-1242	\dashv								mg/l	kg/day			
PCB-1254	ᅱᆔ	-							mg/l	kg/day			
PCB-1221	러님							1	mg/1 .	kg/day			-
PCB-1232	ᅥᅥ					1.			mg/l	kg/day			
PCB-1248	一二					7			mg/l	kg/day			
PCB-1260	ᅴ님			-					mg/l	kg/day	1		1
PCB-1016	$\dashv \dashv$								mg/l	kg/day			
Toxaphene	ㅡ님			1	-			1	mg/1	kg/day	+		

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

			2. E	FFLUENT				3. UNI	TS	1	I. INTAKE	
1. POLLUTANT	a. MAXIMUM DA	ILY VALUE	b. MAXIMUM 30 I	DAY VALUE	c. LONG TERM A	AVRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AV	ERAGE VALUE	d. NO. OF
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
Biochemical Oxygen Demand (BOD)	6	1.19			2.7	.36	3	mg/l	kg/day		1	
Chemical Oxygen Demand (COD)	180	5.42			97.8	13.23	3	mg/l	kg/day			
Total Organic Carbon (TOC)	10	.30			8.3	1.13	3	mg/l	kg/day			
Total Suspended Solids (TSS)	900	178.78			613.3	82.98	3	mg/l	kg/day			
Ammonia (as N)	2	.06			1.2	.17	3	mg/l	kg/day			
Flow	.05				.04	1	3	mgd	kg/day			
Temperature (Winter)	11.6	3			12.	7	2	°C				
Temperature (Summer)	23.6	1					1	°C				
Н	9.4						3	Standard	Units			

PART B - Mark 'X' in column 2-a for each pollutant you know or have reason to believe is present. Mark 'X' in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See instructions for additional details and requirements.

	1				FFLUENT				3. UN	ITS	4	I. INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM D	AILY VALUE	b. MAXIMUM 30 (if availab	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AV	ERAGE VALUE	d. NO. OF
	7	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
Bromide									mg/l	kg/day		***************************************	
Chlorine, Total Residual							The second second		mg/l	kg/day			
Color		60						1	mg/l	kg/day			
Fecal Coliform	\boxtimes	98	17.36		WILLS			1	mg/l	kg/day	-		1
Fluoride	\boxtimes	5.9	.18			5.65	.76	2	mg/l	kg/day			
Nitrate-Nitrate (as N)		.9	.16					1	mg/l -	kg/day			
Nitrogen, Total Organic (as N)									mg/l	kg/day			1
Oil and Grease									mg/l	kg/day			
Phosphorus (as P), Total	X	.54	.10					1	mg/l	kg/day			
Radioactivity:(1) Alpha, Total					***************************************				mg/l	kg/day			1
Radioactivity:(2) Beta, Total	17								mg/l	kg/day	-		
Radioactivity:(3) Radium, Total	ī								mg/l	kg/day			
Radioactivity:(4) Radium 226, Total	ini								mg/l	kg/day			
Sulfate (as SO4)	X	59.5	10.54			54.4	7.35	2	mg/l	kg/day	-		
Sulfide (as S)									mg/l	kg/day			-
Sulfite (as SO3)	ini								mg/l	kg/day			
Surfactants	ī								mg/l	kg/day	1		
Aluminum, Total		7.3	1.29				-	1	mg/l	kg/day			
Barium, Total									mg/l	kg/day		12.77.4	

				2.1	EFFLUENT				3. UNI	TS	4.	INTAKE	
1. POLLUTANT	PRE- SENT	a. MAXIMUM DA	AILY VALUE	b. MAXIMUM 30 (if availa	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if	370	a. LONG TERM AVI	ERAGE VALUE	d. NO. OF
= 4(7	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION .	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Boron, Total		.3	.05					1	mg/l	kg/day			
Cobalt, Total					7			†	mg/l	kg/day			
Iron, Total		33.6	6.67			20.7	2.8	3	mg/l	kg/day			
Magnesium, Total		11.9	2.36			9.7	1.32	3	mg/l	kg/day			
Molybdenum, Total									mg/l	kg/day	0:		
Manganese, Total		.88	.17			.69	.09	3	mg/l	kg/day			
Tin, Total	一百		102						mg/l	kg/day			
Titanium, Total		.14	.02					1	mg/l	kg/day			†

PART C - If you are primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark 'X' in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and non required GC/MS fractions), mark 'X' in column 2-b for each pollutant you know or have reason to believe is present. Mark 'X' in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2, 4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table for each outfall. See instructions for additional details and requirements.

	2				FFLUENT				3. UNI	TS	4.	INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM DA	ILY VALUE	b. MAXIMUM 30 (if availab	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AVE	RAGE VALUE	d. NO. O
	7	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
Metals, Cyanids, and Total I	Phenois					The second secon							
Antimony, Total									mg/l	kg/day			
Arsenic, Total		.013	0			.01	0	3	mg/l	kg/day		Ý	
Beryllium, Total	一百								mg/l	kg/day			
Cadmium, Total		.003	0			.001	0	3	mg/l	kg/day			
Chromium, Total		.05	.01			.03	0	3	mg/l	kg/day			
Copper, Total		.04	.01	8		.02	0	3	mg/l	kg/day		A-1-10-14-1-14-14-14-14-14-14-14-14-14-14-14-1	
Lead, Total		.05	.01			.03	0	3	mg/l	kg/day		*	1
Mercury, Total		.0002	0			0	0	3	mg/l	kg/day			1
Nickel, Total									mg/l	kg/day			
Selenium, Total									mg/l	kg/day	1		
Silver, Total									mg/l	kg/day			
Thallium, Total									mg/l	kg/day			
Zinc, Total		.42	.01			.34	.05	3	mg/1	kg/day			-
Cyanide, Total			-						mg/l	kg/day			
Phenois, Total									mg/l	kg/day			
Dioxin	الساليين			خيالون مديد پرستينيان	A CONTRACTOR OF THE PARTY OF TH	1							1
2,3,7,8-Tetrachlorodibenzo-P-Die	oxin				***************************************				mg/l	kg/day			T
GC/MS Fraction - Volatile C	ompound	ds											
Acrolein				T		1			mg/1	kg/day			1
Acrylonitrile	거급								mg/l	kg/day			
Benzene									mg/l	kg/day			

					FFLUENT		**		3. UN		4	, INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM DA	AILY VALUE	b. MAXIMUM 30 I (if availab	DAY VALUE	c. LONG TERM	AVRG. VALUE	d. NO. OF	(specify ij		a. LONG TERM AV	ERAGE VALUE	d. NO. OF
1. POLLOTANT		(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
GC/MS Fraction - Volatile C	ompoun	ds											
Bis (Chloromethyl) Ether									mg/l	kg/day			
Bromoform									mg/l	kg/day			
Carbon Tetrachloride							The state of the s		mg/l	kg/day			
Chlorobenzene									mg/l	kg/day			
Chlorodibromomethane									mg/l	kg/day			
Chloroethane			11. 24-25						mg/l	kg/day			
2-Chloroethylvinyl Ether									mg/l	kg/day			
Chloroform									mg/l	kg/day			
Dichlorobromomethane									mg/1	kg/day			
Dichlorodiflouromethane	ㅋㅋ								- mg/1	kg/day			
1,1-Dichloroethane	러티								mg/l	kg/day			
1,2-Dichloroethane	그님								mg/l	kg/day			
1,1-Dichloroethylene						- W. W.			mg/l	kg/day			
1,2-Dichloropropane	러리								mg/l	kg/day			
1,3-Dichloropropylene	커티								mg/1	kg/day			
Ethylbenzene	一日					T			mg/l	kg/day			
Methyl Bromide	커님								mg/1	kg/day			
Methyl Chloride									mg/1	kg/day			
Methylene Chloride	거리								mg/l	kg/day			
1,1,2,2-Tetrachloroethane									mg/1	kg/day			
Tetrachloroethylene	커늄								mg/l	kg/day			
Toluene	커티								mg/l	kg/day			
1,2-Transdichloroethylene	커늄								mg/l	kg/day			
1,1,1-Trichloroethane	一日								mg/l	kg/day			
1,1,2-Trichloroethane	-		· .						mg/l	kg/day			
Trichloroethylene	커님								mg/l	kg/day			
Trichlorofluoromethane	커늄								mg/l	kg/day			
Vinyl Chloride	러님								mg/l	kg/day			
GC/MS Fraction - Acid Com	pounds												
2-Chlorophenol		T							mg/l	kg/day	T	y	
2,4-Dichlorophenol	-								mg/l	kg/day		-	
2,4-Dimethyphenol									mg/l	kg/day			
4,6-Dinitro-O-Cresol	커님								mg/l	kg/day	1 1		
2,4-Dinitrophenol	-								mg/l	kg/day			
2-Nitrophenal	닉님								mg/l	kg/day			
4-Nitrophenol	ㅡ님								mg/l	kg/day			
P-Chloro-M-Cresol									mg/1	kg/day			
Pentachlorophenol	-				1. //				mg/l	kg/day			
Phenol									mg/1	kg/day			
2,4,6-Trichlorophenol	-								mg/1	kg/day			

Page V - 3

Outfall No.

004

	2				EFFLUENT				3. UN			4. INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM DA	AILY VALUE	b. MAXIMUM 30 (if availa	DAY VALUE	c. LONG TERM	AVRG. VALUE	d. NO. OF	(specify if		a. LONG TERM A	VERAGE VALUE	d. NO. O
	?	(1) CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
GC/MS Fraction - Base/Neutr	al Com	pounds											
Acenaphthene						=			mg/1	kg/day			
Acenaphtylene									mg/l	kg/day			
Anthracene									mg/l	kg/day			
Benzidine									mg/l	kg/day			1
Benzo (a) Anthracene									mg/l	kg/day			
Benzo (a) Pyrene	コロ								mg/l	kg/day			
Benzofluoranthene	ΠĦ								mg/l	kg/day			
Benzo (ghi) Perylene	ゴロ							-	mg/l	kg/day			
Benzo (k) Fluoranthene	$\neg \neg$								mg/l	kg/day			
Bis (2-Chloroethoxy) Methane	$\dashv \exists$								mg/l	kg/day			
Bis (2-Chloroethyl) Ether	ᅱᆔ								mg/l	kg/day			
Bis (2-Chloroisopropyl) Ether	ᅥ片				2.2		A100		mg/l	kg/day			
Bis (2-Ehtylhexyl) Phthalate	ᅥᆏ								mg/l	kg/day		***	1
-Bromophenyl Phenyl	러금								mg/l	kg/day			
Sutyl Benzyl Phthalate	러금								mg/l	kg/day			+
-Chloronaphthalene	러님			1					mg/l	kg/day			1
-Chlorophenyl Phenyl Ether	러님			 					mg/l	kg/day			1
Chrysene	닉님			-					mg/l	kg/day			1
Dibenzo (a,h) Anthracene	$\dashv \exists$		8					-	mg/l	kg/day			+
,2,-Dichlorobenzene	러님			1	-			-	mg/l	kg/day			+
,3-Dicholorobenzene	러남			-	-	+			mg/l	kg/day			+
,4-Dichlorobenzene	ᆛ片				-	-			mg/l	kg/day	-		+
3,3-Dichlorobenzidine	러님								mg/l	kg/day			+
Diethyl Phthalate	닉님							-	mg/l	kg/day			+
Dimethyl Phthalate	ᅱ님								mg/l	kg/day			+
Di-N-Butyl Phthlate	니님			-			-		mg/1	kg/day	-		+
2.4-Dinitrotoluene	닉님								mg/l	kg/day			-
2.6-Dinitrotoluene	닉님								mg/l	kg/day	-		+
Di-N-Octyl Phthalate	ᆜᆜ					-		-	mg/1	kg/day			-
			1.			-		-	mg/1	kg/day			+
,2-Diphenylhydrazine (as Azober	261									kg/day			+
luoranthene	ᆜᆜ								mg/l				-
luorene	$=$ \sqcup			1					mg/1	kg/day			-
lexachlorobenzene									mg/l	kg/day			
lexachlorobutadiene	$\dashv \Box$								mg/1	kg/day			-
Hexachlorocyclopentadiene									mg/l	kg/day			
-lexachloroethane									mg/l	kg/day			1
ndeno (1,2,3-cd) Pyrene									mg/l	kg/day			
sophorone									mg/l	kg/day			
Napthalene		1							mg/l	kg/day kg/day			

	,			2.	EFFLUENT				3. UN		4	I. INTAKE	,
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM DA	ILY VALUE	b. MAXIMUM 30 (if availa	DAY VALUE	c. LONG TERM /	AVRG. VALUE	d. NO. OF	(specify ij		a. LONG TERM AV	ERAGE VALUE	d. NO. O
1. POLEOTANI		(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
GC/MS Fraction - Base/Neu	tral Con	pounds											
N-Nitrosodimethylamine									mg/l	kg/day			
N-Nitrosodi-N-Propylamine	一一								mg/l	kg/day			
N-Nitrosodiphenylamine									mg/l	kg/day			
Phenanthrene	$\neg $								mg/l	kg/day			
^D yrene	一百								mg/l	kg/day			
1,2,4-Trichlorobenzene									mg/l	kg/day			
GC/MS Fraction - Pesticides	3												
Aldrin									mg/l	kg/day			
Alpha-BHC	ᅥቨ								mg/l	kg/day			
Beta-BHC	ᅥᅱ								mg/1	kg/day			
Gamma-BHC	ᅥᅥ					 			mg/l	kg/day			
Delta-BHC	ᅥᅥ								mg/l	kg/day			
Chlordane	TH								mg/l	kg/day			
4,4-DDT	러금								mg/l	kg/day			
4,4-DDE	一口								mg/l	kg/day			
4,4-DDD	러듬								mg/l	kg/day			
Dieldrin	러금								mg/l	kg/day			
Alpha-Endosulfan	러님								mg/l	kg/day			
Beta-Endosulfan	一百								mg/l	kg/day			
Endosulfan Sulfate	$\neg \vdash$								mg/l	kg/day			
Endrin			- Control						mg/l	kg/day			
Endrin Aldehyde	ᅥᅥ		-		- 10				mg/l	kg/day	1-48-79-79-7		
Heptachlor	一日								mg/l	kg/day			
Heptachlor Epoxide	一二								mg/l	kg/day			
PCB-1242	ᅴ님					 			mg/l	kg/day			
PCB-1254	ᅱᅱ								mg/l	kg/day			
PCB-1221	ᅴ금								mg/l	kg/day			
PCB-1232	᠆᠆								mg/l	kg/day			
PCB-1248	러님	7							mg/l	kg/day			
PCB-1260	᠆								mg/l	kg/day			
PCB-1016	러님				20				mg/1	kg/day	1		
Toxaphene	ㅡ믐								mg/l	kg/day			

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

				EFFLUENT				3, UN	TS		4. INTAKE	
1. POLLUTANT	a. MAXIMUM DA	VILY VALUE	b. MAXIMUM 30 (if availa	DAY VALUE	c. LONG TERM A	AVRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AV	/ERAGE VALUE	d. NO. OF
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Biochemical Oxygen Demand (BOD	0				0		3	mg/l	kg/day			
Chemical Oxygen Demand (COD)	15.1	.58			5	.19	3	mg/l	kg/day			
Total Organic Carbon (TOC)	8	.31		•	6.7	.25	3	mg/l	kg/day			
Total Suspended Solids (TSS)	140	5.34			56	2.14	3	mg/l	kg/day			
Ammonia (as N)	.2	.01			.13	.01	3	mg/l	kg/day			
Flow	.04				.04	4	3	mgd	kg/day			
Temperature (Winter)	2.8						1	°C				
Temperature (Summer)	24.				23.1	15	2	°C				
pH "	8						3	Standard	Units			-

PART B - Mark 'X' in column 2-a for each pollutant you know or have reason to believe is present. Mark 'X' in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See instructions for additional details and requirements.

	2	-			EFFLUENT				3. UN	ITS		4. INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM D	AILY VALUE	b. MAXIMUM 30 (if availa	DAY VALUE	c. LONG TERM A	AVRG. VALUE	d. NO. OF	(specify ij		a. LONG TERM A	VERAGE VALUE	d. NO. OF
		(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
Bromide	П								mg/l	kg/day			
Chlorine, Total Residual	X	.04	.001					1	mg/l	kg/day		and the same of th	
Calor	X	10		2				1	mg/l	kg/day			
Fecal Coliform	ī				-				mg/l	kg/day			
Fluoride	X	1.8	.07	1		1.67	.06	3	mg/l	kg/day			
Nitrate-Nitrate (as N)	X	.8	.03					1	mg/l	kg/day			
Nitrogen, Total Organic (as N)									mg/l	kg/day		-	
Oil and Grease	П								mg/l	kg/day			
Phosphorus (as P), Total									mg/1	kg/day			
Radioactivity:(1) Alpha, Total	İΠ					14			mg/l	kg/day			
Radioactivity:(2) Beta, Total									mg/l	kg/day			
Radioactivity:(3) Radium, Total	iΠ		-						mg/1	kg/day			
Radioactivity:(4) Radium 226, Total									mg/l	kg/day	T		
Sulfate (as SO4)	X	85	3.24			80.2	3.06	3	mg/l	kg/day			
Sulfide (as S)				i				-	mg/1	kg/day			
Sulfite (as SO3)	ī								mg/l	kg/day			
Surfactants	ī		1						mg/l	kg/day			1
Aluminum, Total		.39	.01					1	mg/l	kg/day			
Barium, Total						-			mg/1	kg/day			

				2. E	FFLUENT				3. UN	TS	4.	INTAKE	
1. POLLUTANT	PRE- SENT	a. MAXIMUM DA	AILY VALUE	b. MAXIMUM 30 (if availab	DAY VALUE	c. LONG TERM (if avail	AVRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AVI	ERAGE VALUE	d. NO. OF
	?	(1) CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Boron, Total		.28	.01					1	mg/l	kg/day			
Cobalt, Total									mg/l	kg/day			
Iron, Total		2.6	.1			1.7	.07	3	mg/l	kg/day			
Magnesium, Total		37.5	1.43			32	1.22	3	mg/l	kg/day			
Molybdenum, Total									mg/l	kg/day			
Manganese, Total		.12	.005			.1	.004	3	mg/l	kg/day			
Tin, Total									mg/l	kg/day			
Titanium, Total									mg/l	kg/day			

PART C - If you are primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark 'X' in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and non required GC/MS fractions), mark 'X' in column 2-b for each pollutant you know or have reason to believe is present. Mark 'X' in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2, 4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table for each outfall. See instructions for additional details and requirements.

					EFFLUENT				3. UNI		4.	INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM DA	AILY VALUE	b. MAXIMUM 30 (if availal	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AVE	ERAGE VALUE	d. NO. OF
		(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS	ANALYSES	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES
Metals, Cyanids, and Total Phe	nols												
Antimony, Total									mg/l	kg/day			
Arsenic, Total									mg/l	kg/day			
Beryllium, Total									mg/l	kg/day			
Cadmium, Total									mg/l	kg/day			
Chromium, Total	וחו	-							mg/l	kg/day			1.
Copper, Total									mg/l	kg/day			
Lead, Total									mg/l	kg/day	×		
Mercury, Total	ᅼ								mg/l	kg/day		-	
Nickel, Total	171								mg/l	kg/day			
Selenium, Total	ill								mg/l	kg/day			
Silver, Total			-						mg/l	kg/day			
Thallium, Total	iFi								mg/l	kg/day			
Zinc, Total		.053	.002			.018	.0007	3	mg/l	kg/day	1.		
Cyanide, Total									mg/1	kg/day			
Phenois, Total	1Fi								mg/l	kg/day			
Dioxin	اسار												-
2,3,7,8-Tetrachlorodibenzo-P-Dioxin									mg/l	kg/day			1
GC/MS Fraction - Volatile Com	pound	ds											
Acrolein									mg/l	kg/day			T
Acrylonitrile	님			1					mg/l	kg/day			1
Benzene									mg/l	kg/day			

	2. PRE- SENT	a. MAXIMUM DA	ILY VALUE	b. MAXIMUM 30 (if availab	FFLUENT DAY VALUE	c. LONG TERM A	VRG. VALUE	FU	3. UNI (specify if			4. INTAKE	
1. POLLUTANT	SENT ?	(1) CONCENTRATION	(2) MASS	(1)	(2) MASS	(if availa	(2) MASS	d. NO. OF ANALYSES		(2) MASS	a. LONG TERM A (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES
GC/MS Fraction - Volatile C			MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MAGO	1
Bis (Chloromethyl) Ether		1						T	mg/l	kg/day	1		T
Bromoform								-	mg/1	kg/day			
Carbon Tetrachloride				-				-	mg/l	kg/day	-		
Chlorobenzene	ㅡ님			-					mg/l	kg/day	-		-
Chlorodibromomethane	님			-			_	1	mg/l	kg/day	-		-
									mg/l	kg/day	-		-
Chloroethane								-	mg/l	kg/day	-		-
2-Chloroethylvinyl Ether				-									
Chloroform									mg/1	kg/day			-
Dichlorobromomethane									mg/l	kg/day			-
Dichlorodiflouromethane									mg/l	kg/day			
1,1-Dichloroethane									mg/l	kg/day			
1,2-Dichloroethane									mg/l	kg/day			
1,1-Dichloroethylene									mg/l	kg/day			
1,2-Dichloropropane									mg/l	kg/day			
1,3-Dichloropropylene									mg/l	kg/day			
Ethylbenzene									mg/1	kg/day			
Methyl Bromide									mg/l	kg/day			
Methyl Chloride		3							mg/l	kg/day			
Methylene Chloride									mg/l	kg/day			
1,1,2,2-Tetrachloroethane									mg/1	kg/day			
Tetrachloroethylene									mg/l	kg/day			
Toluene	디디								mg/l	kg/day			
1,2-Transdichloroethylene							-		mg/l	kg/day			
1,1,1-Trichloroethane									mg/l	kg/day	1 1	***	
1,1,2-Trichloroethane	ㅋㅋ								mg/l	kg/day			
Trichloroethylene				+ +					mg/l	kg/day			
Trichlorofluoromethane	러리								mg/l	kg/day			
Vinyl Chloride								1	mg/l	kg/day			_
GC/MS Fraction - Acid Com	pounds												
2-Chlorophenol				1 T				1	mg/l	kg/day			T
2,4-Dichlorophenol	ㅡ님				-				mg/l	kg/day			1
2,4-Dimethyphenol	-	-	-	1					mg/l	kg/day	+		+
4,6-Dinitro-O-Cresol	႕님	-		 		+			mg/l	kg/day			+
2,4-Dinitrophenol								-	mg/1	kg/day	+		+
2-Nitrophenol	ㅡ님	-						+	mg/1	kg/day	+		-
4-Nitrophenol				-					mg/l	kg/day	+		-
P-Chloro-M-Cresol	ㅡ님					-		-	mg/l	kg/day	-		+
	님							-	mg/1	kg/day	-		-
Pentachlorophenol	_					-		-	mg/1	kg/day			-
Phenol 2,4,6-Trichlorophenol	L								mg/1	kg/day		-	

a. MAXIMUM DAILY VALUE (1) (2) MASS DUNDS DUNDS DUNDS	b. MAXIMUM 30 I (if availab (1) CONCENTRATION	DAY VALUE (2) MASS	c. LONG TERM (if avail	AVRG, VALUE able) (2) MASS	d. NO. OF ANALYSES	(specify iy (1) CONCENTRATION mg/1 mg/1 mg/1 mg/1 mg/1 mg/1	kg/day kg/day kg/day kg/day kg/day kg/day	a. LONG TERM AVI	ERAGE VALUE (2) MASS	d. NO. OF ANALYSES
	CONCENTRATION	(2) MASS	(1) CONCENTRATION		ANALYSES	mg/1 mg/1 mg/1 mg/1 mg/1	kg/day kg/day kg/day kg/day kg/day	CONCENTRATION	(2) MASS	ANALYSES
punds						mg/1 mg/1 mg/1 mg/1 mg/1	kg/day kg/day kg/day kg/day			
						mg/1 mg/1 mg/1 mg/1 mg/1	kg/day kg/day kg/day kg/day			
						mg/l mg/l mg/l mg/l	kg/day kg/day kg/day kg/day			
					,	mg/l mg/l	kg/day kg/day kg/day			
						mg/l mg/l	kg/day kg/day			
						mg/l	kg/day			
										1
						mg/1	kg/day			
						mg/l	kg/day			
						mg/l	kg/day			
						mg/l	kg/day			
						mg/l	kg/day			
						mg/l	kg/day			
						mg/l	kg/day		.3	
						mg/l	kg/day			
						mg/1	kg/day		*	
						mg/1	kg/day			
						mg/l	kg/day			
						mg/l	kg/day		50-500-5-5-5-5-	
						mg/l	kg/day			
						mg/l	kg/day			
						mg/1	kg/day			
						mg/l	kg/day			
						mg/l	kg/day			
		-				mg/l	kg/day			
						mg/l	kg/day			
						mg/l	kg/day			
						mg/l	kg/day			
						mg/l	kg/day			
						mg/l	kg/day			
	T					mg/l	kg/day			
						mg/l	kg/day			
						mg/l	kg/day			
						mg/l	kg/day			
						mg/l	kg/day		*	
						mg/l	kg/day			
						mg/l	kg/day			
						mg/l	kg/day			-
			+ +			mg/l	kg/day			
			+			mg/l	kg/day			
				-	7-0					
							mg/1 mg/1 mg/1 mg/1 mg/1 mg/1 mg/1 mg/1	mg/1 kg/day mg/1 kg/day	mg/1 kg/day mg/1 kg/day	mg/l kg/day mg/l kg/day

	2			2. E	FFLUENT				3. UN		4	. INTAKE	
1. POLLUTANT	2. PRE- SENT	a. MAXIMUM DA	NLY VALUE	b. MAXIMUM 30 (if availal	DAY VALUE	c. LONG TERM A	VRG. VALUE	d. NO. OF	(specify if		a. LONG TERM AV	ERAGE VALUE	d. NO. OF
	7	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSES	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	ANALYSE
GC/MS Fraction - Base/Neu							*1						
N-Nitrosodimethylamine									mg/l	kg/day			
N-Nitrosodi-N-Propylamine	一一						1000		mg/l	kg/day			
N-Nitrosodiphenylamine									mg/l	kg/day			
Phenanthrene	一一								mg/l	kg/day			
Pyrene	一百		+						mg/l	kg/day			
1,2,4-Trichlorobenzene									mg/l	kg/day			1
GC/MS Fraction - Pesticides	s			1									
Aldrin									mg/l	kg/day			
Alpha-BHC									mg/l	kg/day			
Beta-BHC									mg/l	kg/day			
Gamma-BHC	$\neg \neg$			1	W.				mg/l	kg/day			-
Delta-BHC	$\neg \neg$								mg/l	kg/day			137
Chlordane			-						mg/l	kg/day			
4,4-DDT									mg/l	kg/day			
4,4-DDE	ᅥᆔ								mg/l	kg/day			
4,4-DDD									mg/l	kg/day			
Dieldrin					-				mg/l	kg/day			
Alpha-Endosulfan	一百		\$					-	mg/l	kg/day			
Beta-Endosulfan									mg/l	kg/day			
Endosulfan Sulfate	$\neg \neg$								mg/l	kg/day			
Endrin	TH								mg/l	kg/day			
Endrin Aldehyde				1			+		mg/l	kg/day			
Heptachlor							A SHEET		mg/l	kg/day			
Heptachlor Epoxide									mg/l	kg/day			
PCB-1242									mg/l	kg/day			
PCB-1254									mg/l	kg/day			
PCB-1221				1					mg/l	kg/day			
PCB-1232	$\neg \neg$								mg/l	kg/day			
PCB-1248	$\neg \exists \exists$								mg/l	kg/day			İ
PCB-1260									mg/l	kg/day			
PCB-1016									mg/l	kg/day			
Toxaphene									mg/l	kg/day			

EPA ID Number

2F

NPDES

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY

Application for Permit to Discharge Storm Water Discharges Associated with Industrial Activity

I. Outfall Location

OUTFALL		LATITUDE		1	ONGITUD	Ē	- Parameter variable
NUMBER	DEG.	MIN.	SEC.	DEG.	MIN.	SEC.	RECEIVING WATER
001	41	17	16	84	19	1	Maumee River
002	41	17	39	84	18	58	Maumee River
004	41	17	38	84	19	3	Maumee River
005	41	17	35	84	17	56	Maumee River

II, Improvements

A. Are you now required by any Federal, State, or local authority to meet any Implication schedule for the construction, upgrading, or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative, or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

B. You may attach additional sheets describing any additional water pollution (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction.

te Drainage Map

Attach a site map showing topography (or indicating the outline of drainage areas served by the outfall(s) covered in the application if a topographic map is unavailable) depicting the facility including: each of its intake and discharge structures; the discharge area of each storm water outfall; paved areas and buildings within the drainage area or each storm water outfall, each known past or present areas used for outdoor storage or disposal of significant materials, each existing structural control measure to reduce pollutants in storm water runoff, materials loading and access areas, areas where pesticides, herbicides, soll conditioners and fertilizers are applied; each of its hazardous waste treatment, storage or disposal units (including each area not required to have a RCRA permit withch is used for accumulating hazardous waste under 40 CFR 262.34); each well where fluids from the facility are injected underground; springs, and other surface water bodies which receive storm water discharges from the facility.

IV. Narrative Description of Pollutant Sources

A. For each outfall, provide an estimate of the area (include units) of impervious surfaces (including paved areas and building roofs) drained to the outfall, and an estimate of the total surface area drained by the outfall.

Please view the Sovernouse file for the regarded information

B. Provide a narrative description of significant materials that are currently or in the past three years have been treated, stored, or disposed in a manner to allow exposure to storm water; method of treatment, storage, or disposal; materials loading and access areas; and the location, manner, and frequency in which posticides, herbicides, soli conditioners, and fertilizers are applied.

ap metals are stored outside for recycling and managed properly. Sand and dust from foundry dust collectors are sourced outside for recycling and disposal in the on-site landfill. Dust is properly managed per inspections and local job procedures.

C. For each outfall, provide the location and a description of existing structural and nonstructural control measures to reduce pollutants in storm water runoff; and a description of the treatment the storm water receives, including the schedule and type of maintenance for control and treatment measures and the ultimate disposal of any solid or fluid wastes other than by discharge.

Please view to Swimmare file for the reposted information

V. Nonstormwater Discharges

A. I certify under penalty of law that the outfall(s) covered by this application have been tested or evaluated for the presence of nonstormwater discharges, and that all nonstormwater discharges from these outfall(s) are being identified in either an accompanying Form 2C or Form 2E application for the outfall.

	_	The second second
ME AND	00	FFICIAL TITLE
homas	W	Neelands
7 obel	D.	rector

SIGNATURE

DATE SIGNED

Provide a description of the method used, the date of any testing, and the onsite drainage points that were directly observed during a test

here is an annual stormwater sampling event for Outfalls #004 and #005. This stormwater sampling event is sampled nd analyzed according to the requirements listed in the NPDES permit. During this sampling event a grab and a omposite sample of collected stormwater is analyzed for the parameters listed in the NPDES permit.

1. Significant Leaks or Spills

rovide existing information regarding the history of significant leaks or spills of toxic or hazardous pollutants at the facility in the last three years, including he approximate date and location of the spill or leak, and the type and amount of material released.

to reportable spills or leaks have occured in the last three years.

II. Discharge Information

I, B, C, & D: See instructions before proceeding. Complete one set of tables for each outfall, Annotate the outfall number in the space provided. Tables VII-A, VII-B, VII-C are included on separate sheets numbered VII-1 and VII-2.

art D - Provide data for the storm event(s) which resulted in the maximum values for the flow-weighted composite sample.

Date of m Event	Duration (in minutes)	Total rainfall during storm event (in inches)	Number of hours between beginning of storm measured and end of previous measureable rain event	Maximum flow rate during rain event (in gellons/minute)	Total flow from rain even (In gallons)
7/11/2006	4320	3	120	200	60216
1/12/2007	2880	1	120	100	7957
1/08/2008	2880	1	120	100	90905
6/08/2006	1440	0	72	10	10080
9/08/2007	7200	1	288	10	50400
1/01/2008	2880	0	72	10	20160
1/08/2008	2880	1	120	50	112717

Provide a description of the method of flow measurement or estimate.

The flow rate on Outfall 004 is measured using a flowmeter. The flow rate on Outfall 005 is a calculated estimate.

E. Potential discharges not covered by analysis Is any toxic pollutant listed in table 2F-2, 2F-3, or 2F-4, a substance	or a component of a substance
the you currently use or manufacture as an intermediate or final product or by product?	

Yes (list all such pollutants below)

No (go to Section IX)

VIII. Biological Toxicity Testing Data

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last three years?

Yes

(list all such pollutants below)

O No (go to Section IX)

the plant has conducted annual evaluations of acute and chronic toxicity. As part of the current NPDES permit, The results of the testing indicate that the plant effluent is less than 1.0 TUa and less than 1.0 TUc. The plant has used the following environmental laboratory to perform the effluent toxicity testing for the plant's NPDES requirements.

Global Environmental Consulting, LLC

223 W. Michigan Ave. Clinton, MI 49236 (517) 456-6881

:PA Form 3510-2f (12/96)

IX. Contract Analysis Information

Yara any of the analysis reported in Item Vil performed by a contract laboratory or consulting firm?

(list the name, eddress, and telephone number of, and pollutents analyzed by each such laboratory or firm below)

O No (go to section X)

NAME		ADDRESS	3		TE	LEPHONE na code & no.)	POLLUTANTS ANALYZED
est America	4101 Shuffel Dr	ive NW				497-9396	Biochemical Oxygen Demand
SO Principle	1101 01101101	7.7 57			,		Chemical Oxygen Demand (C
	North Canton		OH	44720			Total Organic Carbon (TOC
X. CERTIFICATION	- 1 . 1 . 2000				***************************************		Total Suspended Solids (T
							pн
							Nitrate-Nitrite (as N)
							Oil and Grease
							Phosphorus (as P), Total
							Nitrogen, Total Kjeldahl
		Ų.					Cadmium, Total (Cd)
							Chlorine, Total Residual
				L.			Copper, Total (Cu)
							Cyanide, Total
							Lead, Total (Pb)
							Mercury, Total
							Selenium, Total (Se)
							Arsenic, Total
							Magnesium, Total
							Bromide
							Color
							Fecal Coliform
							Flouride
							Nitrogen, Total Organic (
		*:					Sulphate (as SO4)
* *							Sulphide (as S)
							Surfactants
							Aluminum, Total
							Barium, Total
							Boron, Total
							Cobalt, Total
							Iron, Total
*							Molybdenum, Total
							Manganese, Total
							Tin, Total
							Titanium, Total
							Antimony, Total
)							Beryllium, Total
and the second							Chromium, Total
							Nickel, Total
							Silver, Total
							Thallium, Total
							Zinc, Total
							Phenola, Total

assure that qualified personne those persons directly respon	hat this document and all attachments voluments of properly gather and evaluate the infocsible for gathering the information, the inflicent penalties for submitting false inf	rmation submitted. Beased on m information submitted is, to the b	ly inquiry of the person o lest of my knowledge an	or persons who manage the system or ad belief, true, accurate, and complete.	1
A. NAME & OFFICIAL TITLE	(type or print) W. Neelands	Global	Director	B. PHONE NO. (area code & no.) 248 - 753 - 4296	
C. SIGNATURE	Corner L	RUSEAS S.	conv	03/27/2008	

I Item VII A, B & C (contin

(continued from page 2 of Form 2-F)

001

Part A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. Press F1 for additional details.

Dallatest	CAS	Maximum \ (include u		Average V (include ur	Number of Storm	Sources of Pollutants	
Pollutant	Number	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Events Sampled	Sources of Pollutants
Biochemical Oxygen Demand (BO		mg/l	kg/day	mg/l	kg/day		
Chemical Oxygen Demand (COD)		mg/l	kg/day	mg/l	kg/day		
Total Suspended Solids (TSS)		mg/l	kg/day	mg/l	kg/day		
pH							
Nitrate-Nitrite (as N)		mg/l	kg/day	mg/l	kg/day		
Oil and Grease		mg/l	kg/day	mg/l	kg/day		
Phosphorus (as P), Total	7723-14-0	mg/l	kg/day	mg/l	kg/day		
Nitrogen, Total Kjeldahl		mg/l	kg/day	mg/l	kg/day		

Part B - List each parameter that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. Press F1 for additional details and instructions.

Part C - List each pollutant shown in Tables 2F-2, 2F-3, and 2F-4 that you know of have reason to believe is present. Press F1 for the tables and for additional details and requirements. Complete one table for each outfall.

Item VII A, B & C (continued from page 2 of Form 2-F)

OUTFALL NO.

002

Part A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. Press F1 for additional details.

	CAS	Maximum V (include u		Average V (include ur	Number of Storm		
Pollutant	Number	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Events Sampled	Sources of Pollutants
Biochemical Oxygen Demand (BO		mg/l	kg/day	mg/1	kg/day		
Chemical Oxygen Demand (COD)		mg/l	kg/day	mg/l	kg/day		
Total Suspended Solids (TSS)		mg/l	kg/day	mg/l	kg/day		
рĤ							
Nitrate-Nitrite (as N)		mg/l	kg/day	mg/l	kg/day		
Oil and Grease		mg/l	kg/day	mg/l	kg/day		
Phosphorus (as P), Total	7723-14-0	mg/l	kg/day	mg/l	kg/day		
Nitrogen, Total Kjeldahl		mg/l	kg/day	mg/1	kg/day		

Part B - List each parameter that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. Press F1 for additional details and instructions.

Part C - List each pollutant shown in Tables 2F-2, 2F-3, and 2F-4 that you know of have reason to believe is present. Press F1 for the tables and for additional details and requirements. Complete one table for each outfall.

Part A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. Press F1 for additional details.

Biochemical Oxygen Demand (BO Chemical Oxygen Demand (COD)	Number	Grab Sample Taken During First 20 Minutes	Flow-	Grab Sample Taken During First			Sources of Pollutants
			weighted Composite	20 Minutes	Flow- weighted Composite	Sampled Sampled	
Chemical Oxygen Demand (COD)		6 mg/l	1 kg/day	3 mg/1	0 kg/day	3	
		180 mg/l	5 kg/day	98 mg/l	13 kg/day	3	
Total Suspended Solids (TSS)		900 mg/1	179 kg/day	613 mg/l	83 kg/day	3	
pH		9		9		3	
Nitrate-Nitrite (as N)		1 mg/1	0 kg/day	mg/l	kg/day	1	
Oil and Grease		0 mg/1	0 kg/day	0 mg/1	0 kg/day	3	
Phosphorus (as P), Total 77	723-14-0	1 mg/l	0 kg/day	mg/l	kg/day	1	
Nitrogen, Total Kjeldahl		5 mg/l	1 kg/day	4 mg/l	1 kg/day	3	

Part B - List each parameter that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. Press F1 for additional details and instructions.

San Production 1985	CAS	Maximum V (include u		Average V (include ur	Number of Storm	Sources of Pollutants	
Pollutant	Number	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Events Sampled	Sources of Pollutants
Arsenic, Total (As)	7440382	0 mg/1	0 kg/day	0 mg/l	0 kg/day	3	
Barium Total (Ba)	7440393	0 mg/l	0 kg/đay	0 mg/l	0 kg/day	3	-
Cadmium, Total (Cd)		0 mg/1	0 kg/day	0 mg/1	0 kg/day	3	
Carbon, Total Organic (TOC)		10 mg/l	0 kg/day	8 mg/1	1 kg/day	3	
Chromium, Total		0 mg/l	0 kg/day	0 mg/1	0 kg/day	3	
Copper, Total (Ču)		0 mg/l	0 kg/day	0 mg/l	0 kg/day	3	
Cyanide, Total	40	0 mg/1	0 kg/day	0 mg/l	0 kg/day	3	
Lead, Total (Pb)		0 mg/1	0 kg/day	0 mg/l	0 kg/day	3	
Mercury, Total (Hg)	7439976	0 mg/1	0 kg/day	0 mg/1	0 kg/day	3	
Nitrogen, Ammonia (NH3)	7664-41-7	2 mg/1	0 kg/day	1 mg/1	0 kg/day	3	
Selenium, Total (Se)	7782492	0 mg/l	0 kg/day	0 mg/1	0 kg/day	3	
Silver, Total (Ag)		0 mg/1	0 kg/day	0 mg/1	0 kg/day	3	

Part C - List each pollutant shown in Tables 2F-2, 2F-3, and 2F-4 that you know of have reason to believe is present. Press F1 for the tables and for additional details and requirements. Complete one table for each outfall.

Pollutant Aluminum, Total	CAS	Maximum Values (include units)				Average Vi (include ur	Number of Storm		
	Number		aken During First Ainutes		Flow- d Composite	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Events Sampled	Sources of Pollutants
	7429-90-5	7	mg/1	1	kg/day	mg/l	kg/day	1	
Boron, Total	7440-42-8	0	mg/l	0	kg/day	mg/l	kg/day	1	
Color		60	mg/l		kg/day	mg/l	kg/day	1	W 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

Pollutant	CAS Number	Maxim:— (inci Grab Sample Taken During First 20 Minutes		nits)				Values		Number of Storm Events Sampled	Sources of Pollutants
Fecal Coliform		98	mg/l	17	kg/day		mg/l		kg/day	1	
Flouride	16984-48-8	5	mg/l	0	kg/day	6	mg/l	1	, kg/day	2	
Iron, Total	7439-89-6	34	mg/l	7	kg/day	21	mg/1 .	3	kg/day	3	
Magnesium, Total	7439-95-4	12	mg/l	2	kg/day	10	mg/l	1	kg/day	3	
Manganese, Total	7439-96-5	1	mg/l	0	kg/day	1	mg/l	0	kg/day	3	E4
Sulphate (as SO4)	14808-79-8	60	mg/l	11	kg/day	54	mg/1	7	kg/day	2	
Titanium, Total	7440-32-6	0	mg/l	0	kg/day		mg/l		kg/day	1	
Zinc, Total	7440-66-6	0	mg/l	0	kg/day	0	mg/l	0	kg/day	3	

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Part A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. Press F1 for additional details.

	CAS	Maximum V (include u		Average V (include u	Number of Storm	0 (0.11.1.1.	
Pollutant	Number	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Events Sampled	Sources of Pollutants
Biochemical Oxygen Demand (BO		0 mg/l	0 kg/day	0 mg/l	0 kg/day	3	
Chemical Oxygen Demand (COD)		15 mg/1	1 kg/day	5 mg/l	0 kg/day	3	
Total Suspended Solids (TSS)		140 mg/l	5 kg/day	56 mg/1	2 kg/day	3	
рН		8		8		3	
Nitrate-Nitrite (as N)		1 mg/1	0 kg/day	mg/1	kg/day	1	
Oil and Grease		0 mg/l	0 kg/day	0 mg/l	0 kg/day	3	
Phosphorus (as P), Total	7723-14-0	0 mg/1	0 kg/day	mg/l	kg/day	1	
Nitrogen, Total Kjeldahl		0 mg/l	0 kg/day	0 mg/1	0 kg/day	3	

Part B - List each parameter that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. Press F1 for additional details and instructions.

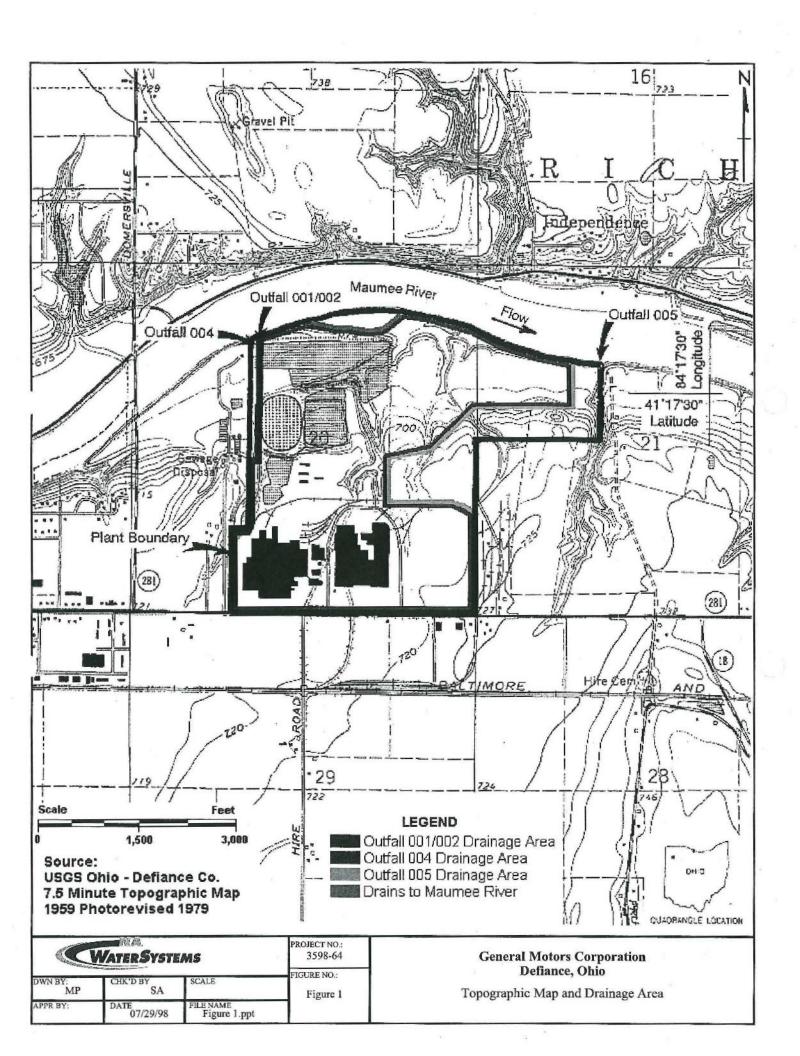
	CAS	Maximum (include		Average \ (include u	nits)	Number of Storm	
Pollutant	Number	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Events Sampled	Sources of Pollutants
Arsenic, Total (As)	7440382	0 mg/l	0 kg/day	0 mg/l	0 kg/day	3	
Barium Total (Ba)	7440393	0 mg/l	0 kg/day	0 mg/1	0 kg/day	3	
Cadmium, Total (Cd)		0 mg/l	0 kg/day	0 mg/l	0 kg/day	3	
Carbon, Total Organic (TOC)		8 mg/l	0 kg/day	7 mg/l	0 kg/day	3	
Chloride, Total		21 mg/l	1 kg/day	16 mg/1	1 kg/day	2	
Chromium, Total		0 mg/l	0 kg/day	0 mg/1	0 kg/day	3	
Copper, Total (Cu)		0 mg/l	0 kg/day	0 mg/1	0 kg/day	3	
Cyanide, Total		0 mg/l	0 kg/day	0 mg/1	0 kg/day	3	
Fluoride, Total (F)		2 mg/l	0 kg/day	2 mg/1	0 kg/day	3	
Iron, Total (Fe)		3 mg/l	0 kg/day	2 mg/1	0 kg/day	3	
Lead, Total (Pb)		0 mg/1	0 kg/day	0 mg/l	0 kg/day	3	
Magnesium, Total (Mg)	7439954	38 mg/l	1 kg/day	32 mg/l	1 kg/day	3	
Manganese, Total		0 mg/l	0 kg/day	0 mg/l	0 kg/đay	3	
Mercury, Total (Hg)	7439976	0 mg/l	0 kg/day	0 mg/l	0 kg/day	3	
Nitrogen, Ammonia (NH3)	7664-41-7	0 mg/1	0 kg/day	0 mg/1	0 kg/day	3	
Phenolic 4AAP, Total		0 mg/l	0 kg/day	0 mg/l	0 kg/day	3	
Selenium, Total (Se)	7782492	0 mg/l	0 kg/day	0 mg/l	0 kg/day	3	- Constant
Silver, Total (Ag)		0 mg/1	0 kg/day	0 mg/1	0 kg/day	3	
Sulfate, (SO4)	14808798	85 mg/l	3 kg/day	80 mg/l	3 kg/day	3	
Zinc, Total (Zn)		0 mg/1	0 kg/day	0 mg/l	0 kg/day	3	*

Part C - List each pollutant shown in Tables 2F-2, 2F-3, and 2F-4 that you know of have reason to believe is present. Press F1 for the tables and for additional details and

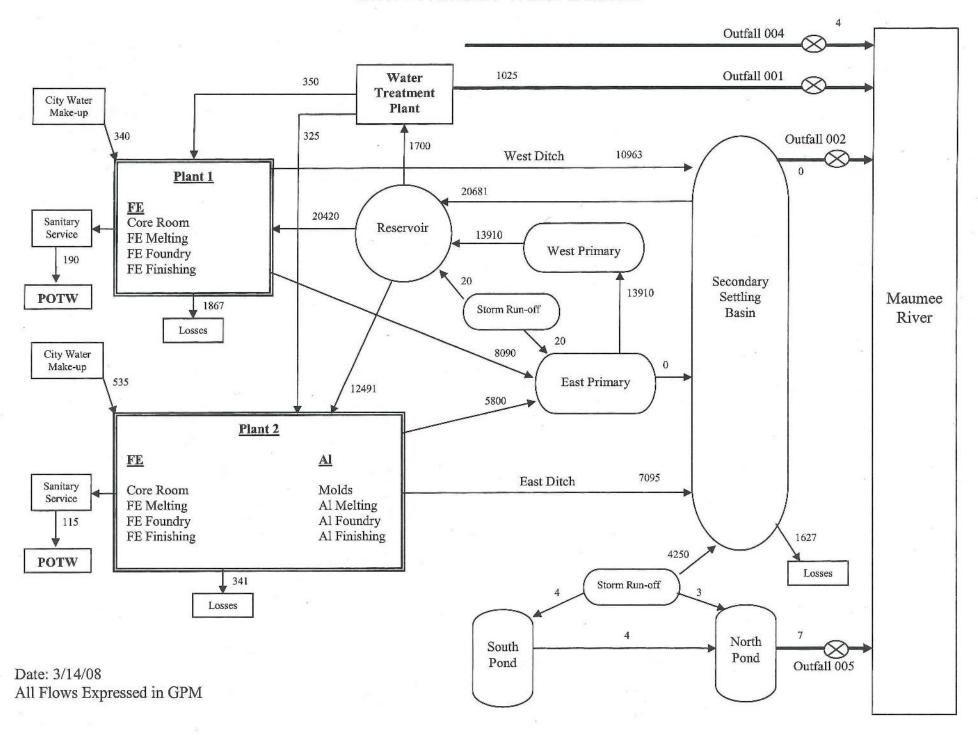
I requirements. Complete one table for each outfall.

Pollutant Aluminum, Total	CAS	Maxim alues (include units)				Ave. V (include u	alues nits)	Number of Storm	
	Number		Taken During First Vinutes		Flow- d Composite	Grab Sample Taken During First 20 Minutes	Flow- weighted Composite	Events Sampled	Sources of Pollutants
	Aluminum, Total	7429-90-5	0	mg/l	0	kg/day	mg/l	kg/day	1
Boron, Total	7440-42-8	0	mg/l	0	kg/day	mg/l	kg/day	1	
Color		10	mg/l	will re-	kg/day	mg/l	kg/day	1	

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GMPT Defiance Water Balance







DIVISION OF SURFACE WATER

N.W.D.O.

Page 1

Antidegradation Addendum

In accordance with Ohio Administrative Code 3745-1-05 (Antidegradation), additional information may be required to complete your application for a permit to install or NPDES permit. For any application that may result in an increase in the level of pollutants being discharged (NPDES and/or PTI) or for which there might be activity taking place within a stream bed, the processing of the permit(s) may be required to go through procedures as outlined in the antidegradation rule. The rule outlines procedures for public notification and participation as well as procedures pertaining to the levels of review necessary. The levels of review necessary depend on the degradation being considered/requested. The rule also outlines exclusions from portions of the application and review requirements and waivers that the Director may grant as specified in Section 3745-1-05(D) of the rule. Please complete the following questions. The answers provided will allow the Ohio EPA to determine if additional

	mation is nee	
both	applications	simultaneously to avoid going through the antidegradation process
separ	ately for eac	7 M+ 1) + 1/1 1/1 1/1 + 1
A.	Applicant:_	General Holors Moverlain Watiance MAN
	Facility Own	ner: Gracial Molors Corporation
	Facility Lo	cation (city and county): Detrance . Net wace County
	Application	or Plans Prepared By: JAh. White
	Project Name	NONECO
	NPDES Permi	t Number (if applicable): 2IN 00004 FHA
в.		tion Applicability
	Is the appl	ication for? (check as many as apply):
		Application with no direct surface water discharge (Projects that do not meet the applicability section of 3745-1-05(B)1, i.e., on-site disposal, extensions of sanitary sewers, spray irrigation, indirect discharger to POTW, etc.). (Complete Section E)
		Renewal NPDES application or PTI application with no requested increase in loading of currently permitted pollutants. (Complete Section E, Do not complete Sections C or D).
	-	PTI and NPDES application for a new wastewater treatment works that will discharge to a surface water. (Complete Sections C and E)
		An expansion/modification of an existing wastewater treatment works discharging to a surface water that will result in any of the
		following (PTI and NPDES): (Complete Sections C and E) addition of any pollutant not currently in the discharge, or
		an increase in mass or concentration of any pollutant
	x x	currently in the discharge, or an increase in any current pollutant limitation in terms of mass or concentration.
		mage of contentention.

sewer service outlined in state or local water quality management planning documents and applicable facility planning documents.

- b. List and describe all government and/or privately sponsored conservation projects that may have been or will be specifically targeted to improve water quality or enhance recreational opportunities on the affected water resource.
- c. Provide a brief description below of all treatment/disposal alternatives evaluated for this application and their respective operational and maintenance needs. (If additional space is needed please attach additional sheets to the end of this addendum).

Preferred design alternative:

Non-degradation alternative(s):

Minimal degradation alternative(s):

Mitigative technique/measure(s):

At a minimum, the following information must be included in the report for each alternative evaluated.

- d. Outline of the treatment/disposal system evaluated, including the costs associated with the equipment, installation, and continued operation and maintenance.
- e. Identify the substances to be discharged, including the amount of regulated pollutants to be discharged in terms of mass and concentration.
- f. Describe the reliability of the treatment/disposal system, including but not limited to the possibility of recurring operation and maintenance difficulties that would lead to increased degradation.
- g. Describe any impacts to human health and the overall quality and value of the water resource.
- h. Describe and provide an estimate of the important social and economic benefits to be realized through this proposed project. Include the number and types of jobs created and tax revenues generated.
- i. Describe environmental benefits to be realized through this proposed project.
- j. Describe and provide an estimate of the social and economic benefits that may be lost as a result of this project. Include the impacts on commercial and recreational use of the water resource.